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SAFETY: Tackling substance abuse in the workplace

MATERIALS HANDLING: Optimising material transfer

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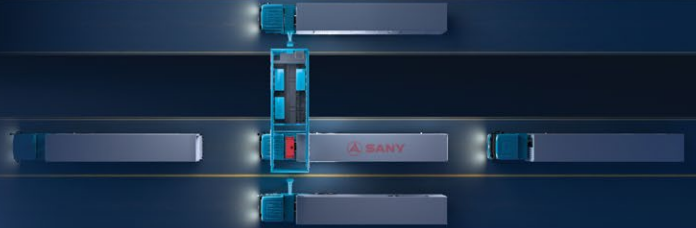
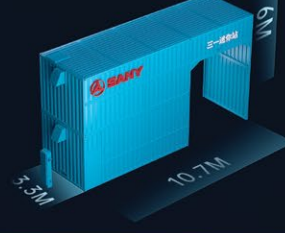
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SAFETY IN THE MINING EQUIPMENT: A NON-NEGOTIABLE PRIORITY

The mining industry is one of the most hazardous sectors in the world. With heavy machinery, explosive materials, and extreme environmental conditions, ensuring the safety of equipment used in mining operations is not just a regulatory requirement - it's essential for saving lives and maintaining operational continuity. As the global demand for minerals increases, so does the need for robust, safe, and reliable mining equipment.

Mining accidents often stem from equipment malfunctions, misuse, or lack of proper maintenance. Large haul trucks, excavators, drills, and crushers are essential to modern mining operations, but they also present significant risks if not properly designed, maintained, or operated.

According to the International Council on Mining and Metals (ICMM), a significant proportion of mining-related injuries and fatalities are linked to equipment. This includes not only mechanical failures but also human-machine interface errors due to lack of training or unsafe working conditions.

Key safety risks in the mining equipment market

There has been an increase in the availability of substandard (or even counterfeit) equipment in global trade which obviously pose serious safety threats.

Mining operations are often in remote areas and are some of the harshest environments imaginable. Mining

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operations in remote areas demand rugged, durable equipment. Failures in such locations can be life-threatening due to limited access to emergency support.

Given the tough market conditions, mines operate with aging machinery or purchase second-hand equipment without adequate inspection or refurbishment. This often combines with inadequate operator training. The safe use of highly technical mining equipment requires extensive training, often overlooked due to time or budget constraints.

Governments and industry bodies are tightening regulations around mining safety. In some regions, digital reporting of equipment health and usage is becoming mandatory. Additionally, ESG (Environmental, Social, and Governance) pressures are prompting mining companies to demonstrate safe and ethical equipment usage across the supply chain.

Companies that lead on safety are increasingly seen as more reliable partners by investors, regulators, and communities.

In the mining equipment market,

safety is not optional - it is foundational. From manufacturers and suppliers to mine operators and maintenance teams, every stakeholder must prioritise safety at each stage of the equipment lifecycle. With the help of technology, stringent compliance, and ongoing training, the mining industry can reduce risk, improve productivity, and save lives.

As mining becomes more complex and mechanised, the winners will be those who treat safety not as a checkbox, but as a culture.

Safety in this issue

In this issue two features are on the subject of safety. The first 'Smart testing, safer mines' on page 12 focuses on Fabchem Mining's latest innovation to digitise and streamline roof bolt testing in mining operations.

The second, applies to safety in more general terms: how substance abuse can be tackled in the workplace. Juanita Pienaar interviewed Rhys Evans, the MD of ALCO-Safe. The article explores how companies are navigating the challenges caused by substance abuse and how it can assist them by staying compliant and safe. 🌟



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We supply high-pressure portable air compressors engineered to meet the diverse and demanding needs of geotechnical, exploration, and drilling contractors across Southern Africa.

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- Trusted brands: Atlas Copco, Doosan & Ingersoll Rand



SANY is not simply bringing another electric truck to market. It's bringing innovation that could radically transform operational efficiency - South Africa's first battery-swapping electric heavy truck.



POWER SHIFT: SANY DRIVES ELECTRIC REVOLUTION IN AFRICAN FREIGHT

Capital Equipment News' Juanita Pienaar sat down with Avinash Singh, Sales & Marketing Director – EV & Hydrogen Trucks, South Africa Business Unit, SANY Group, to discuss the company's bold entrance into the African electric heavy truck market and how battery-swapping technology could redefine logistics across the continent.



A global giant enters the African arena
 SANY Heavy Truck Industry Co. Ltd, the world's leading manufacturer of electric heavy trucks, is charting new territory. With more than 35 000 electric trucks operating globally, the company is now turning its focus to Africa, starting with South Africa.

"South Africa is one of Africa's most industrialised and forward-thinking economies," says Avinash Singh. "Its strong mining and logistics sectors, coupled with a growing emphasis on sustainability, made it the natural choice for our African debut."

Backed by a robust global manufacturing network - including facilities in China, India, Germany, the US, Brazil, and now South Africa - SANY is well-positioned to adapt its electric vehicle (EV) solutions to the continent's unique demands.

First-of-its-kind battery-swapping truck hits South African roads

SANY is not simply bringing another electric truck to market. It's bringing innovation that could radically transform operational efficiency - South Africa's first battery-swapping electric heavy truck.

Traditional electric trucks depend on plug-in charging, often requiring between one and three hours to recharge. "That kind of downtime just doesn't work for high-utilisation fleets," Singh explains. "Our battery-swapping solution removes the battery from the vehicle, replaces it in under five minutes using an automated station, and charges the depleted battery separately - often using renewable energy sources."

This approach enables maximum uptime and introduces new applications like off-peak or solar-powered charging, as well as the potential for grid support via stored energy.

Built for Africa: Addressing infrastructure and operational challenges

In Africa, power supply and grid stability are often inconsistent. SANY's battery-swapping model offers a compelling workaround when compared to traditional EV charging systems that are now chasing Megawatt charging speeds (MWS) "Battery swapping technology allows for charging batteries at slower speeds thus reducing the load on the grid while also allowing the truck to continue working virtually uninterrupted thanks to a battery swap requiring less than five minutes" says Singh.

The system supports a decentralised charging model, reducing strain on public utilities while enabling more self-reliant transport networks. "Our battery-swapping stations can even return

"South Africa is one of Africa's most industrialised and forward-thinking economies. Its strong mining and logistics sectors, coupled with a growing emphasis on sustainability, made it the natural choice for our African debut."

Avinash Singh - Avinash Singh, Sales & Marketing Director – EV & Hydrogen Trucks, South Africa Business Unit, SANY Group.



TALKING POINT



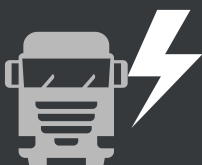
One of the more innovative elements of SANY's approach is its integration with renewable energy.



SANY'S battery-swapping solution removes the battery from the vehicle, replaces it in under five minutes using an automated station, and charges the depleted battery separately - often using renewable energy sources.



SANY's trucks offer strategic value to businesses focused on Environmental, Social, and Governance (ESG) goals.



The company's EV truck is particularly well-suited to short-to-medium-haul, heavy-duty applications.

QUICK TAKE



One of our customers, a leading side-tipping transport operator, is on track to save over R1-million per truck per year in energy and maintenance costs compared to diesel.



power to the grid during peak demand, essentially acting as distributed energy storage,” Singh adds.

Early success and strong local interest

SANY’s first battery-swapping truck is already operational in South Africa, and

early results have exceeded expectations. “One of our customers, a leading side-tipping transport operator, is on track to save over R1-million per truck per year in energy and maintenance costs compared to diesel,” says Singh. “That kind of feedback validates both the commercial

and environmental case for electric transition.”

While Singh says deployment will be “demand-driven,” there’s clear momentum. The company is currently in talks with fleet operators across mining, logistics, and retail, all eager to reduce costs and carbon emissions while improving uptime.

“Our EV truck is particularly well-suited to short-to-medium-haul, heavy-duty applications,” Singh explains, pointing to interlink side-tipper and tridem semi-trailer operations with gross combination mass (GCM) ratings of up to 120 tonnes.

A dual approach to charging and maximum uptime

SANY offers flexibility in how its electric trucks are charged. “We combine fast plug-in charging for standard operations with battery-swapping where continuous uptime is essential,” says Singh. This dual system allows customers to choose the best model for their needs, maximising operational efficiency and TCO.

Moreover, battery swap stations require minimal maintenance and can be fully automated. SANY is working with local partners to install these systems and train technicians to ensure full localisation of the infrastructure. “We are committed to long-term sustainability through skills development and local job creation,” Singh affirms.

Integrating renewables into the charging ecosystem

One of the more innovative elements of



We're collaborating with the SANY Micro Grid team and local renewable energy providers to build a green energy ecosystem that powers trucks, improves energy reliability, and supports local employment.

SANY's approach is its integration with renewable energy. The battery-swapping stations offer a unique benefit of allowing charging of multiple truck batteries while the sun shines to drastically reduce energy costs and further improve the TCO. "We're collaborating with the SANY Micro Grid team and local renewable energy providers to build a green energy ecosystem that powers trucks, improves

energy reliability, and supports local employment," says Singh.

Driving ESG and economic efficiency

Beyond performance, SANY's trucks offer strategic value to businesses focused on Environmental, Social, and Governance (ESG) goals. "Our electric solution enables the possibility of achieving zero Scope 1 emissions," says Singh. Paired with

renewables, we offer a fully decarbonised logistics solution - ideal for ESG compliance and investor transparency."

From a cost perspective, the numbers are just as compelling. Singh explains, "Electric trucks are fundamentally more efficient and as a result can achieve energy cost savings of between 50 to 70% when compared to diesel equivalents. Combined with reduced maintenance, and fewer moving parts, the total cost of ownership is significantly lower in the right applications, even after accounting for charging infrastructure."

A scalable model for Africa

The vision of battery-swapping as a standard for Africa's freight industry is bold, but Singh believes it's achievable. "Battery-swapping is especially well-suited for 24-hour operations like mining," he says. "Yes, there are challenges - policy, education, infrastructure - but the opportunity is massive. It's a solution to real African problems: weak grids, long routes, and cost pressures."

Redefining the road ahead

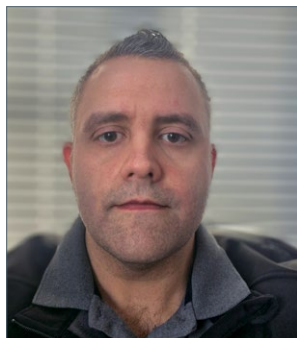
SANY's bold entry into South Africa with its innovative battery-swapping electric truck represents more than just a technological leap. It's a blueprint for how freight transport across Africa can become cleaner, more cost-effective, and more resilient. Backed by global expertise and local collaboration, Singh and his team are building more than just trucks - they're building the future of African logistics. 🌍





HOW ATLAS PLANT HIRE POWERS SOUTH AFRICA'S DRILLING FRONTIER

Juanita Pienaar recently caught up with Jordan Vevers, National Marketing Manager at Atlas Plant Hire, to unpack how the company is continuing to drive progress in geotechnical and drilling industries. With decades of experience, a national footprint, and an unwavering focus on reliability, Atlas Plant Hire remains a trusted partner for companies working in some of the most demanding terrains in South Africa.



"We've invested significantly in new equipment and in expanding our national footprint. This ensures we can deliver quickly and provide on-site technical support when and where it's needed."

Jordan Vevers, National Marketing Manager at Atlas Plant Hire.

Trusted power in tough conditions

Whether it's the parched stretches of the Karoo or the muddy depths of an urban construction site, drilling operations hinge on one critical factor: dependable, high-pressure air. And that's where Atlas Plant Hire steps in.

"We supply leading OEM equipment like Atlas Copco and Doosan, known for their durability and high performance," says Vevers. "Our high-pressure portable air compressors are built to meet the intensity and scale of modern drilling operations, from geotechnical investigations to large-scale piling and deep borehole drilling."

The compressors are capable of operating at pressures of up to 25 bar (365 psi) and are designed for heavy-duty use across industries. "These are not your average machines," Vevers notes. "They're engineered to deliver consistent airflow



and pressure, even in the most unforgiving geological conditions.”

Meeting the demands of a changing industry

South Africa’s construction and infrastructure sectors are growing, and with that comes an increasing need for drilling excellence. “There’s definitely a shift in the market - customers are demanding more performance, less downtime, and greater energy efficiency,” says Vevers.

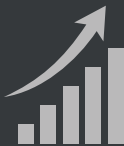
In response, Atlas Plant Hire has focused on fleet modernisation and customer-centric support. “We’ve invested significantly in new equipment and in expanding our national footprint,” he explains. “This ensures we can deliver quickly and provide on-site technical support when and where it’s needed.”

The company’s compressors support a wide array of applications, including:

- Geotechnical investigations
- Piling for foundations
- Water well drilling
- Mining exploration drilling

“In each of these sectors, reliability is

QUICK TAKE



South Africa’s construction and infrastructure sectors are growing, and with that comes an increasing need for drilling excellence.



Atlas Plant Hire has focused on fleet modernisation and customer-centric support.



The company maintains strategically located branches across South Africa, ensuring fast turnaround times for repairs, maintenance, and replacements.



As environmental and safety standards evolve, so too has Atlas Plant Hire’s approach to equipment selection and fleet management.



We're extremely busy on geotechnical and piling sites right now. These applications require stable, high-pressure air delivery over extended periods, often in urban environments where space is tight and uptime is critical.

non-negotiable," Vevers adds. "We know that for our clients, equipment failure isn't just an inconvenience - it's a cost they can't afford."

A service model built on trust

But it's not just about the machines. According to Vevers, the backbone of Atlas Plant Hire's offering is its after-sales support. "We don't just deliver equipment - we deliver peace of mind," he states.

The company maintains strategically located branches across South Africa, ensuring fast turnaround times for repairs, maintenance, and replacements. "Every minute counts on a site," says Vevers. "If something goes wrong, our clients need to know that we'll be there to fix it - fast."

This dedication has earned Atlas Plant Hire a loyal customer base, particularly in remote regions where technical support can be hard to come by. "We understand the logistical challenges of working far from urban centres. That's why our compressors are mobile, easy to deploy, and built to endure."

Leading with sustainability and safety

As environmental and safety standards evolve, so too has Atlas Plant Hire's approach to equipment selection and fleet management. "Sustainability isn't just a buzzword, it's part of how we operate," says Vevers.

The compressors are fitted with low-emission engines, fuel-efficient systems, and advanced filtration. "Noise reduction and air quality matter, especially on sites near communities or in sensitive environments," he explains.

Safety, too, remains top of mind. "We make sure our equipment is up to standard, properly maintained, and easy for operators to use. A safe site is a productive site."

Empowering geotechnical and piling projects

While Atlas Plant Hire's equipment is certainly suitable for water well drilling and remote boreholes, their most active projects today are piling and geotechnical drilling for infrastructure and commercial developments.

"We're extremely busy on geotechnical and piling sites right now," Vevers notes. "These applications require stable, high-pressure air delivery over extended periods, often in urban environments where space is tight and uptime is critical."

The company's compressors are particularly well-suited to piling operations, where precision, power, and reliability are non-negotiable. "Our machines deliver the consistent pressure needed to drive piles into complex or variable ground conditions," Vevers explains. "That's what makes them indispensable on foundational infrastructure jobs."

Beyond raw performance, the logistical and technical support Atlas Plant Hire offers is what keeps piling contractors coming back. "We work closely with site engineers and project managers to ensure the right setup, preventative maintenance, and fast response if anything goes wrong. We're not just a supplier - we're an extension of the project team," he adds.

Final word

As South Africa ramps up infrastructure projects and pushes into new territory for geotechnical and foundational work, companies like Atlas Plant Hire are proving indispensable.

"We know what's at stake for our clients," says Vevers. "They need equipment they can trust, backed by a team that understands their challenges. That's what we deliver - day in, and day out." 🌟

UNLEASH A FULL RANGE OF DRILLING SOLUTIONS

Atlas Copco's DrillAir range of air compressors is specifically developed and engineered to provide maximum air flow at any pressure setting, delivering game-changing efficient and sustainable solutions for a multitude of drilling applications including ground engineering, drill and blast, water well, geothermal and foundation drilling.

“We can say with confidence that we know the drill, with our deep understanding of the tough challenges faced by this industry,” asserts Jonathan Cassell, APE Sales Engineer at Atlas Copco Power Technique. “Hole deviation, pipe failure, borehole instability, formation damage, lost circulation, pipe sticking, mud contamination, accelerate wear and tear and poor hole cleaning are disruptive to machines and equipment causing costly breakdowns that result in lost productivity, reduced production and expensive repairs.”

Cassell points out that drill operators are inclined to maintain their rigs and compressors, usually only acquiring a new unit when a new contract is awarded, or when their current machines reach end-of-life. “Extended machine lifecycle and low operational and ownership costs are key for these operators. This spurs us, as forward-thinkers, to create value for our customers by designing premium quality, reliable and efficient products, and advanced technologies, supported by service excellence.”

“When it comes to efficient drilling, one size never fits all,” stresses Cassell. “Given the variation in hole depth and hammer size, selecting the right product is key to optimising operations.”

The keystone of the Atlas Copco DrillAir is its scientific engineering, which is based on the principles and interrelationship of pressure and flow, enabling the machines to pinpoint the optimal combination tailored to a specific application. The perfect balance between these two variables forms the backbone of these exceptional machines, giving operators full control over the parameters which is key to optimising both time and fuel efficiency.

The DrillAir compressors are packed with technology that boosts drilling efficiency while saving on fuel. “Essentially, with our integrated DrillAir technologies, customers not only achieve faster drilling speeds but also optimise fuel consumption in the process,” affirms Cassell.

Moving on to Atlas Copco's advanced



PACE™ system (Pressure Adjusted through Cognitive Electronics), Cassell highlights the advantage offered by this intuitive software package. “This leading-edge technology enables the customer to tap into the electric engine to control multiple pressure and flow settings, matching them to their application needs. This dynamic optimisation feature is particularly useful when transferring products of different bulk densities by allowing the operator to preset different flow and pressure settings for the required demand in application.

Atlas Copco's patented XPR technology offers enhanced versatility by extending the working pressure range down to 15 bar. This pressure setting helps prevent soil

cavitation during overburden drilling, as well as allowing the same compressor to be used for both geothermal and foundation drilling.

Drill operators can further boost uptime and prolong productivity by tapping into extended warranty and parts plan packages available from Atlas Copco Power Technique's service division (PTS). “As a trusted partner for our customers operating locally as well as in neighbouring countries (Botswana, Namibia and Zimbabwe), it is our mandate to create value by delivering high-quality products, cutting-edge technologies and exceptional service that address present and future needs and respect environmental principles,” concludes Cassell. 🌱



SMART TESTING, SAFER MINES

Capital Equipment News' Juanita Pienaar recently spoke with Sibusiso Mavimbela, Marketing Communications Coordinator at Fabchem Mining, a leading name in underground support technology, about the company's latest innovation: the SPT100 Smart Pull Tester. Purpose-built to digitise and streamline roof bolt testing in mining environments, the SPT100 is setting a new benchmark in safety, accuracy, and efficiency.

Fabchem: A foundation in innovation

Founded in 1996, Fabchem Mining has built a formidable reputation as a specialist in strata control technology across the mining and civil engineering sectors. "Our focus is on improving safety at the extreme depths of South African mines," Mavimbela explained. "We manufacture and supply a full range of support solutions - from drilling and tendon installation to pre-stressing, grouting, and post-installation testing."

The company's credibility is underpinned by ISO 9001:2015 certification and a strong transformation profile as a Level 1 B-BBEE contributor with 52.6% black ownership.

The birth of the SPT100

Fabchem's latest innovation, the SPT100 Smart Pull Tester, was

conceived in response to a glaring gap in the mining industry. "The development of the SPT100 was driven by a need for a safer, more efficient, and more accurate solution to perform pull tests on rock support systems like roof bolts and split sets," said Mavimbela.

Unlike traditional systems that depend on manual readings, mechanical gauges, and handwritten notes, the SPT100 introduces digital precision and automation into the process. "It modernises the testing experience entirely," Mavimbela noted. "No more measuring displacement manually with tools like verniers, or relying on inconsistent visual inspections."

Cutting human error from the equation

One of the defining features of the SPT100 is its ability to reduce human error significantly. "The system captures both



load and displacement data digitally during the test," said Mavimbela. "This eliminates transcription mistakes and ensures consistent results across different users and sites."

From automated data capture and integrated sensors to auto-generated reports, every feature was developed with accuracy and traceability in mind. "Instead of manually compiling test results, the SPT100 generates standardised PDF reports in under 30 minutes, removing the chance of calculation or formatting errors," he added.

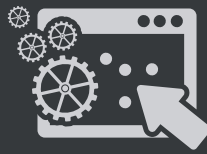
Built for the harshest environments

User-friendliness was a top priority throughout the development process. "The SPT100 was designed to be rugged, compact, and simple to operate," Mavimbela explained. "It has minimal setup requirements and is equipped with clearly labelled buttons and an intuitive display."

QUICK TAKE



The development of the SPT100 was driven by a need for a safer, more efficient, and more accurate solution to perform pull tests on rock support systems like roof bolts and split sets.



Designed to integrate effortlessly into existing testing workflows, the SPT100 outputs in standard CSV format and is fully compatible with Microsoft Excel.



While initially engineered for the demanding conditions of underground mining, the SPT100 has clear potential in other sectors.



Fabchem provides ongoing assistance, regular software updates, and easy-to-use reference guides.



"The system captures both load and displacement data digitally during the test. This eliminates transcription mistakes and ensures consistent results across different users and sites."

Sibusiso Mavimbela, Marketing Communications Coordinator at Fabchem Mining.

TALKING POINT



The SPT100 was designed to be rugged, compact, and simple to operate. It has minimal setup requirements and is equipped with clearly labelled buttons and an intuitive display.

The device is built to withstand the tough conditions found underground, housed in a durable hard case with robust components such as a galvanised steel quadpod stand, a single-acting hydraulic cylinder, and a secure clevice and coupler system.

At its core lies the FABC100 Smart Controller - a digital interface that

manages the test sequence and data capture. "It uses a system of 10 load indicator LEDs, each representing 1-ton increments, and five different colours to communicate test status and load thresholds," said Mavimbela. "This colour-coded feedback makes interpretation quick and foolproof."



With a single click, all records are downloaded to a time-stamped, serial-numbered CSV file. From there, our SPT Report Writer compiles comprehensive reports that include load vs. displacement and load vs. time graphs.

Powerful reporting capabilities

Once a test is complete, the SPT100's real value emerges in its data handling and reporting capabilities. "With a single click, all records are downloaded to a time-stamped, serial-numbered CSV file," Mavimbela detailed. "From there, our SPT Report Writer compiles comprehensive reports that include load vs. displacement and load vs. time graphs."

The software is also customisable, allowing operators to set specific load targets and displacement limits in line with mine-specific or international compliance requirements. "Operators can even include location tags, comments, as well as date and time stamps to contextualise test results," Mavimbela added.

Field-tested and future-ready

The development of the SPT100 was not without its challenges. "We faced discrepancies between lab results and field

performance during early trials," Mavimbela admitted. "We conducted a series of rigorous underground tests to calibrate and fine-tune the system. The final product delivers consistent, reliable results in real-world conditions."

The device's 20-ton pull capacity, compared to the more typical 5 to 15-ton range, means it's particularly suited to high-stress environments and larger support systems. "It gives users a broader operational window and adds confidence when assessing the structural integrity of installations in deeper shafts," Mavimbela said.

The response from field users has been overwhelmingly positive. "Customers appreciate the streamlined process, from setup through to reporting. It reduces manual labour and reporting time from hours to under 30 minutes," he noted. "This empowers teams to make faster, more informed decisions that directly

impact safety and productivity."

Seamless integration and support

Designed to integrate effortlessly into existing testing workflows, the SPT100 outputs in standard CSV format and is fully compatible with Microsoft Excel.

"We also offer hands-on training to ensure smooth implementation and confident use," Mavimbela shared.

Technical support doesn't end with the purchase. "We provide ongoing assistance, regular software updates, and easy-to-use reference guides," Mavimbela said. "We're also working on software enhancements that will allow for faster processing, expanded storage capacity, and more advanced analytics."

Beyond mining: A versatile testing solution

While initially engineered for the demanding conditions of underground mining, the SPT100 has clear potential in other sectors. "Its core capabilities - real-time digital reporting, accurate load testing, and error-free record-keeping - make it highly applicable to construction and civil engineering as well," said Mavimbela.

Looking ahead, Fabchem believes tools like the SPT100 are helping to redefine the mining industry's approach to safety. "We're moving towards a future where real-time monitoring and automated reporting are the norm," Mavimbela concluded. "That's where the SPT100 fits in: making underground operations safer, smarter, and more efficient." 🌐

DRIVE NEW WAYS



FLEET
SOLUTIONS



Driven by Innovation. Powered by Partnership.

In transport, efficiency and reliability drive success. Astron Energy is committed to helping you go further with solutions that keep your fleet moving smoothly. Driven by innovation and powered by partnership, we go beyond the ordinary to ensure your operations are always on the road to progress. With decades of experience and our range of fuels and lubricants, we're dedicated to helping you reach new milestones and Unlock New Ways to fuel your fleet's success.



UNLOCK NEW WAYS

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TACKLING SUBSTANCE ABUSE IN THE WORKPLACE

Substance abuse in the workplace remains a pressing issue across South Africa's industries, particularly those where safety and heavy machinery intersect. Juanita Pienaar sat down with Rhys Evans, Managing Director of ALCO-Safe, to explore how companies are navigating this challenge and what solutions are helping them stay compliant and safe.

Zero tolerance: A strategic imperative

"Safety is paramount in sectors like mining, manufacturing, and logistics," says Rhys Evans. "When workers operate heavy equipment or enter hazardous zones, any impairment - even slight - can have devastating consequences." It's this risk that compels many companies to adopt a zero-tolerance approach to alcohol and drug use on the job.

But Evans cautions that enforcement needs to be fair and consistent.



Safety is paramount in sectors like mining, manufacturing, and logistics. When workers operate heavy equipment or enter hazardous zones, any impairment - even slight - can have devastating consequences.



"Employers need to have a clearly defined policy, enforce it uniformly, and use objective tools like breathalysers and drug testing to eliminate guesswork," he explains. "A well-written substance abuse policy is essential. Without it, companies open themselves to legal disputes."

QUICK TAKE



When workers operate heavy equipment or enter hazardous zones, any impairment - even slight - can have devastating consequences.



Employers need to have a clearly defined policy, enforce it uniformly, and use objective tools like breathalysers and drug testing to eliminate guesswork.



As the technology improves, companies are turning to digital systems for tracking and compliance.



In an era of heightened accountability and increasing safety standards, tools like those provided by ALCO-Safe are no longer optional.



Employers need to have a clearly defined policy, enforce it uniformly, and use objective tools like breathalysers and drug testing to eliminate guesswork.



When workers operate heavy equipment or enter hazardous zones, any impairment - even slight - can have devastating consequences." It's this risk that compels many companies to adopt a zero-tolerance approach to alcohol and drug use on the job.

Rhys Evans, Managing Director of ALCO-Safe.

TALKING POINT

He highlights that ALCO-Safe's solutions aim to support businesses in both detection and compliance. From high-tech breathalysers to passive alcohol sensors and saliva-based drug testing kits, the technology has evolved to make testing both accurate and less invasive.

A shift in testing trends

Evans points out a clear trend in the industry: a move from urine-based to saliva-based drug testing. "Urine testing has a longer detection window but is considered intrusive and requires special facilities. Saliva testing, on the other



hand, can be done anywhere, is less invasive, and results come back quickly," he notes.

He adds that while the window of detection for saliva is shorter, typically up to 48 hours, this aligns better with workplace safety goals. "We're not trying to police what people do in their private time. We want to ensure they're not impaired at work."

Legal landmines and policy gaps

According to Evans, a poorly constructed policy is one of the biggest pitfalls companies face. "We often see companies with policies that are either too vague or don't align with their testing protocols. For instance, they might have a zero-tolerance policy but use tests that detect trace amounts of substances long after impairment has passed."

He stresses the importance of aligning testing methods with policy intent. "If you're using saliva tests that show recent use, your policy should reflect that you're testing for current impairment, not lifestyle choices."

Evans also notes that a lack of employee education can lead to resistance. "People need to understand the why behind the policy. If they think it's punitive, they'll push back. But if they understand it's about safety, for them and their colleagues, they're

more likely to support it."

A layered approach to compliance

ALCO-Safe works with companies across a wide spectrum of industries, from transportation and mining to manufacturing and construction. According to Evans, successful substance abuse management requires a layered approach. "It's not just about testing. It's about training, communication, and consistent application."

He advises that companies regularly review and update their policies. "What was acceptable five years ago might be outdated now. The legal landscape changes, testing technology evolves, and employee expectations shift."

Evans also recommends third-party audits of workplace policies and procedures. "An external review can identify gaps you might miss. It's about continuous improvement."

Technology meets accountability

As the technology improves, companies are turning to digital systems for tracking and compliance. "We've introduced systems that record test results directly into a digital database," Evans says. "This allows companies to monitor trends, flag repeat offenders, and ensure compliance

with health and safety regulations."

He adds that this digital transformation isn't just about record-keeping. "It also helps in defending against legal challenges. When you have a consistent, documented process, it's easier to prove that you're treating all employees fairly."

The role of automation is also growing. "Some of our clients have integrated testing into access control systems. If an employee doesn't pass a breathalyzer, they don't gain entry. It's seamless, and it reduces the potential for human error."

Looking ahead

As South African companies continue to prioritise workplace safety, the emphasis on effective, fair substance abuse policies is only set to grow. For Evans, the mission is clear: "Our goal is not to catch people out. It's to create safer workplaces."

He concludes with a powerful reminder: "One accident caused by impairment can cost lives, reputations, and livelihoods. A strong policy, backed by the right tools and training, is not a luxury, it's a necessity."

In an era of heightened accountability and increasing safety standards, tools like those provided by ALCO-Safe are no longer optional. They're the backbone of responsible, modern operations. 🌟

SAFETY-FIRST APPROACH ACROSS HIGH-RISK INDUSTRIES

DEKRA Industrial continues to lead from the front in industrial safety, compliance and customer-centric performance. As the company celebrates a century of safety and service this year, it does so with purpose and pride: bringing innovation, rigour and care to some of South Africa's most complex and high-risk environments.



As part of DEKRA Global's SEMEA region, DEKRA Industrial RSA is strategically positioned to offer expanded services across Southern Europe, the Middle East and Africa, including oil-rich markets such as Saudi Arabia.

Unique approach to high-risk challenges

A key aspect of DEKRA Industrial's success is its ability to respond to industry realities. "We operate in high-risk sectors where the margin for error is razor-thin," notes Managing Director Johan Gerber.

The challenges facing South African industry - including mental fatigue, overwork and economic strain - are top of mind for the company. "One of the biggest hazards today is complacency," Gerber cautions. "Employees are under pressure, and it is easy to slip into shortcuts. That is why our training also addresses mindset and awareness: focusing on practical, repeatable habits that reinforce safety," Gerber explains.

DEKRA Industrial's internal culture campaign #WhyIWorkSafe encourages personal ownership of safety and integrates human connection into its HSE protocols. This

approach, combined with an investment in digital tools and AI platforms, provides the company with real-time data on performance, reaction times, and improvement areas.

Holistic safety offering

From advanced inspection services and NDT (non-destructive testing) to Learning Management System (LMS) training and occupational development, DEKRA Industrial and the DEKRA Institute of Learning – the company's adult-based education and training division - provide a fully integrated safety solution. Together, these two arms of the business combine operational precision with human-centered training - delivering measurable value to clients across high-risk sectors.

In an era of accelerating workplace pressures, ageing infrastructure, skills shortages and shifting regulatory demands, DEKRA Industrial is doubling down on its safety-first approach, backed by both global benchmarking and local excellence.

This commitment is reflected in DEKRA Global's implementation of the Net Promoter Score (NPS) as a key performance indicator Group-wide. The company recently achieved

a global NPS of 55.7 - an increase of 1.1 points from 2023. A score above 50 is considered excellent according to Bain & Company benchmarks, indicating high levels of client trust and loyalty.

Safety in practice

Alongside customer satisfaction, DEKRA Industrial has rolled out targeted LMS training across its teams on global standards for compliance, data protection and information security. "We have ensured that every employee - from field staff to manager - has access to clear, structured training modules," explains Chris Mörsner, Head of Training and Consulting at DEKRA Institute of Learning. "This includes sessions on anti-corruption, personal data handling and safeguarding sensitive information. We believe knowledge is a safety tool in itself."

The organisation's 10th consecutive NIOSCAR Award, awarded in 2024, further underscores its industry leadership. Conferred after a rigorous audit process, the NIOSCAR represents more than just compliance - it signals a culture of ongoing, proactive safety management. 🌱



BEYOND THE SALE: MAN TRUCK & BUS SA PUTS CUSTOMERS FIRST

Juanita Pienaar spoke to Noko Seopa, Head of Customer Service Management (CSM) at MAN Truck & Bus South Africa, to unpack how the company's aftersales strategy is not just an operational pillar, but a key part of its promise to simplify business for customers. In a competitive transport market where uptime and reliability are everything, MAN's approach to customer care, parts availability, and strategic service partnerships is redefining what support beyond the showroom floor looks like.



Our aftersales strategy revolves around understanding our customers' needs and providing tailored solutions. We aim to provide solutions that help our customers operate their vehicles efficiently and cost-effectively.

A strategy that starts with the customer
At MAN Truck & Bus SA, aftersales isn't a secondary consideration - it's a

priority built into the very foundation of the business. "Aftersales plays a critical role in ensuring that vehicles perform

optimally, are safe, and deliver the lowest total cost of ownership," says Seopa.

For MAN, this begins with understanding exactly what customers need, then aligning products, service packages, and technical support accordingly. "Our aftersales strategy revolves around understanding our customers' needs and providing tailored solutions," he explains. "We aim to provide solutions that help our customers operate their vehicles efficiently and cost-effectively."

This tailored approach, according to Seopa, helps clients maximise uptime, improve safety, and extend vehicle life - three factors that are vital in a transport economy where breakdowns can have far-reaching ripple effects.

Building loyalty with quality parts and service

A key element in the success of MAN's aftersales strategy is the company's rigorous parts programme. Customers rely on speed and quality - something Seopa and his team understand deeply. "We ensure availability of parts at our dealers and Parts Distribution Centres (PDCs)," he says. "We continuously review our parts stocking to meet the demands of the market."

MAN's commitment to genuine parts is



unwavering. “We only use genuine parts to ensure the performance and longevity of our vehicles,” he continues. “We offer a warranty on all our genuine parts fitted by MAN dealers and workshops.” This not only helps preserve vehicle integrity but also builds long-term trust with customers who can count on consistent quality.

And it’s not just about supplying parts; it’s about delivering them efficiently. MAN is investing in digital tools and technology to streamline parts ordering, inventory control, and workshop processes, ensuring faster turnaround times and fewer delays. “We are also investing in systems and digital tools to improve turnaround times,” Seopa confirms.

Technical training and dealer support: Raising the bar

Training is another area where MAN doesn’t cut corners. The company’s technical training programme ensures that every technician across its network has the know-how to maintain and repair MAN vehicles to the highest standard. “We provide continuous technical training for our technicians to ensure they are up to date with the latest technology,” says Seopa.

This ongoing training ensures consistency and quality across the dealer network, which directly supports



As Seopa sums it up: “Our goal is to be a partner to our customers throughout the lifecycle of their vehicles.”



A key element in the success of MAN’s aftersales strategy is the company’s rigorous parts programme.



At MAN Truck & Bus SA, aftersales isn’t a secondary consideration - it’s a priority built into the very foundation of the business.



In a market where fleet owners are increasingly cost-conscious and operationally stretched, MAN is adapting to offer more flexible service solutions

QUICK TAKE



We have a robust dealer network consisting of our own branches and private capital dealers. We support them with training, systems, and marketing activities.

customers in the field. In addition to training, Seopa notes that MAN supports dealers “with technical assistance, field service engineers and systems that allow them to resolve customer concerns quickly and efficiently.”

By equipping its partners with tools and knowledge, MAN ensures that even independent dealers meet its global service standards.

Strategic partnerships for seamless service

The strength of MAN’s dealer network lies in the quality of its partnerships. “We have a robust dealer network consisting of our own branches and private capital dealers. We support them with training, systems, and marketing activities,” explains Seopa.

This model allows MAN to offer nationwide coverage while ensuring that every customer - whether in a city hub or remote region - receives the same level of service. The brand’s rigorous dealer requirements ensure that only those committed to excellence make the cut.

Supporting fleets with flexible solutions

In a market where fleet owners are increasingly cost-conscious and operationally stretched, MAN is adapting to offer more flexible service solutions. These include service contracts and repair packages designed to fit various business models.

“We offer customised service and repair contracts that allow customers to manage maintenance costs,” Seopa explains. “This also improves vehicle uptime and resale value.”

Such offerings are crucial in helping transport companies plan their maintenance spend while avoiding unplanned downtime - a key differentiator in MAN’s approach.

Listening to customers: A continuous feedback loop

At the heart of MAN’s customer service management is feedback, and the willingness to act on it. “We continuously gather feedback from customers through

surveys, dealer interactions, and telematics,” Seopa shares. This insight enables the company to identify gaps and continuously improve its offerings.

By taking customer concerns seriously and translating them into action, MAN strengthens its value proposition and builds loyalty that goes beyond transactions.

Innovation for the future

Looking ahead, MAN’s aftersales strategy is focused on integrating even more technology into its processes - from remote diagnostics to predictive maintenance. “We are embracing digitalisation to offer proactive maintenance and remote diagnostics,” Seopa says. These innovations allow the company to alert customers to potential issues before they escalate, minimising vehicle downtime.

He adds that MAN is also working on developing “solutions that will improve fleet management and total cost of ownership.”

More than just machines

MAN Truck & Bus South Africa’s aftersales strategy proves that customer service is about much more than fixing what’s broken - it’s about enabling success, mile after mile. By investing in parts availability, technical training, digital innovation, and strategic partnerships, MAN is not only supporting transport businesses, it’s helping them thrive. 🌍

OPTIMISING MATERIAL TRANSFER

Efficient material transfer is a critical component of any materials handling operation, regardless of the commodity being moved. Whether handling coal, minerals, aggregates or other bulk materials, achieving seamless transfer is essential for boosting productivity, minimising costs and maintaining operational safety.

Weba Chute Systems, a global leader in transfer point technology, offers advanced solutions that address the unique challenges of materials handling, ensuring enhanced efficiency and reliability across diverse industries.

In materials handling operations, issues such as dust generation, spillage, material degradation and equipment wear can significantly impact productivity and operating costs. Weba Chute Systems employs a custom-engineered approach to mitigate these challenges. By focusing on optimised material flow and impact management, these systems reduce maintenance requirements, extend equipment lifespan and create safer working environments.

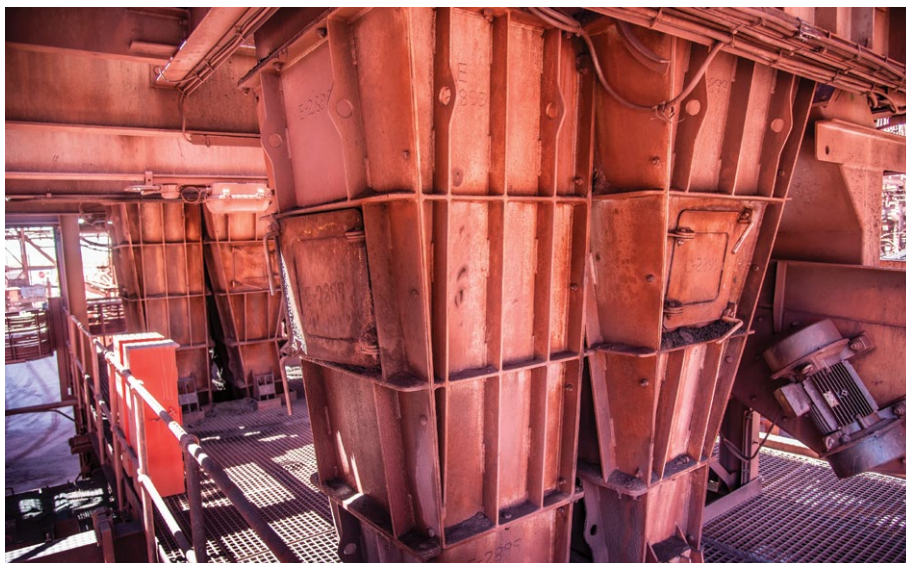
Dewald Tintinger, Technical Manager at Weba Chute Systems, explains that Weba Chute Systems adopted a scientific approach. "This," he says, "is unlike conventional chute designs that often rely on high velocity material transfer. We use advanced simulation tools and our engineers analyse material trajectories, particle interactions and flow dynamics to develop solutions tailored to the specific needs of each customer's operation. Our precision driven methodology ensures controlled material flow, minimising wear and tear on critical components and reducing downtime."

Tintinger says that one of the standout benefits of these systems is their ability to suppress dust and prevent spillage. In industries where dust emissions can lead to environmental hazards and safety concerns, Weba Chute Systems' solutions provide an effective way to optimise material flow while maintaining compliance with environmental regulations. The controlled flow of material also eliminates spillage and blockages, reducing operational disruptions and improving overall process efficiency.

"Customisation is a hallmark of Weba Chute Systems' designs. Each system is tailored to match the unique characteristics of the material being handled including particle size, moisture content and flow rate," he continues. It is this bespoke approach that ensures the transfer system performs optimally under



The feed conveyor discharge chute at an iron ore mine is designed for seamless material transfer, reducing spillage and dust while improving efficiency.



Engineered for controlled material flow, the bifurcated chute prevents blockages and enhances process efficiency in bulk handling operations.

real-world conditions, while its modular design allows for seamless integration with existing infrastructure, minimising installation time and costs.

Safety remains a key focus in materials handling, and Weba Chute Systems delivers on this front by reducing the risk of material ejection and incorporating features such as inspection doors and easy-access panels for safe maintenance. Additionally, the energy efficiency of these systems supports sustainability goals, as optimised material flow reduces

power consumption and lowers an operation's carbon footprint.

"We believe that our innovative designs and customer-centric approach make Weba Chute Systems a trusted partner across industries requiring efficient material handling solutions. By addressing common challenges and delivering measurable improvements in productivity, safety and cost savings, these systems are helping companies to enhance their operations and achieve long term success," Tintinger concludes. 🌱



The Sandvik 800i series combines smart automation and durable design to cut costs, reduce downtime and boost productivity.

REDUCE TOTAL COST OF OWNERSHIP WITH SANDVIK 800I X-CHANGE PROGRAMME

Sandvik Rock Processing is making it easier than ever for mining operations to cut costs and improve efficiency with its innovative X-change programme. This initiative allows mines to upgrade outdated spiderless and legacy hydrocone crushers with the next-generation Sandvik 800i series cone crushers - and the return on investment can be seen almost immediately.



By taking advantage of the X-change programme customers can replace older technology with our high-performing Sandvik 800i range at a special price, while also gaining access to warranty support, ramp-up assistance and Sandvik's advanced digital tools, all of which add up to significant operational savings.

According to PC Kruger, Business Line Manager – Crushing at Sandvik Rock Processing, the real value lies in how this programme helps operations reduce their total cost of ownership while optimising performance. “By taking advantage of the X-change programme customers can replace older technology with our high-performing Sandvik 800i range at a special price, while also gaining access to warranty support, ramp-up assistance and Sandvik’s advanced digital tools, all of which add up



Sandvik's X-change programme lets mines upgrade to Sandvik 800i crushers for up to 30% more uptime and 25% more output - with fast ROI.



Customers upgrading through the X-change programme can expect up to 30% improved availability and up to 25% more final product delivered to downstream processes.

to significant operational savings."

Kruger explains that customers upgrading through the X-change programme can expect up to 30% improved availability and up to 25% more final product delivered to downstream processes. This enhanced performance is due in large part to the Sandvik 800i's state-of-the-art automation and robust mechanical design.

Equipped with the Sandvik ACS-c 5 automation system, the 800i crushers offer rapid liner calibration - completed in just five minutes - helping to reduce downtime and boost productivity. The automation system also includes role-based functionality, guided alarm responses for operators and full access to historical and real-time data for maintenance teams,

empowering proactive planning and accurate performance monitoring.

On the mechanical side, the Sandvik 800i series is built for durability and efficiency. It features a direct-drive design that reduces energy loss, a strong unibody structure and top-down maintenance access that simplifies servicing. Other enhancements, such as Constant Liner Performance (CLP) chambers as well as a huge variety of chamber profiles to adapt to every unique application, double-sealed pinion shafts and non-welded bottom shell wear liners with plastic-free fasteners, all contribute to reduced maintenance requirements and longer wear life.

The Sandvik 800i range supports sustainable efficient operations in a wide variety of applications including three-

stage crushing circuits, SAG/AG mill pebble crushing, heap leach operations, lump ore processing and integration with HPGR systems. These cone crushers are designed to deliver finer particle sizes, enhancing downstream performance and reducing energy consumption across the board.

Importantly, every Sandvik 800i crusher is fully compatible with SAM by Sandvik, the company's cloud-based digital assistant. Through SAM, customers can monitor equipment in real time, receive alerts, track performance and order parts - streamlining operations and enhancing decision-making.

Kruger emphasises that the X-change programme is more than an upgrade and is a strategic opportunity for mines under pressure to increase efficiency, reduce energy consumption and extend asset life. With structured pricing, digital support and reliable aftermarket services built in, the programme provides a clear and cost effective pathway to modernising crushing circuits.

"Upgrading to the Sandvik 800i via our X-change programme provides a structured path to improve safety, increase availability and enhance productivity across crushing operations," Kruger concludes. 🌱

LET'S GO FURTHER WITH DELO[®] GOLD ULTRA SAE 15W-40

When your heavy-duty equipment is working, your business is driving profits. At Caltex, its goal is to optimise your diesel engine performance — helping minimise operating costs and maximise equipment uptime.

As your lubrication partner, it strives to help keep your diesel equipment running reliably and efficiently in all kinds of operating conditions, including cold weather or extreme oil-drain intervals.

It understands the challenges facing diesel customers today and in the future

- Higher performing diesel engines coming to market
- Different types of diesel fuels
- Latest original equipment manufacturer (OEM) requirements and specifications
- Mixed diesel engine types and age of equipment
- Extending oil drain intervals
- Increasing engine durability

You can count on Caltex's industry experience, technology leadership and the Caltex Delo[®] family of premium products to help you stay ahead of these challenges and protect and maximise the life of your vehicles.

Reliability and durability are the priority

Caltex lubricants stand for one thing above all else: reliability. Properly lubricating the inside of a heavy-duty diesel engine requires more than just creating a protective film. Caltex's premium formula Delo[®] Gold Ultra SAE 15W-40 provides excellent oxidation resistance, deposit and oil consumption control, and wear performance to protect against loss of engine performance and life. Delo[®] Gold Ultra SAE 15W-40 has been formulated with ISOSYN technology to specifically protect your diesel equipment and vehicles and reduce the need for multiple diesel engine oils. Delo's industry-leading lubricants have logged billions of kilometres and countless hours providing superior protection to diesel engine parts and maximising fuel efficiency so your vehicles and equipment can go further.

Delo[®] Gold Ultra SAE 15W-40 exceeds industry specifications and OEM performance.

Delo[®] Gold Ultra SAE 15W-40 is a premium diesel engine oil formulated to



provide excellent long-drain performance, superb engine life protection and excellent everyday performance in all types of operations including stop-and-go, long haul and high stress operating conditions. Delo[®] Gold Ultra SAE 15W-40 has been specifically formulated to provide superb protection and performance in harsh operating conditions, regardless of the type of diesel engine (older or newer) and alternative fuel types. Its robust formulation is designed to operate in a wide range of conditions and climatic areas helping to minimize the number of diesel engine oils required by customers.

Delo[®] Gold Ultra SAE 15W-40 delivers results, superb oxidation and deposit control

The Komatsu Hot Tube and Pressure Differential Scanning Calorimeter (PDSC) tests are good indicators of an oil's ability to resist oxidation in high temperature conditions that can result in viscosity increase, piston deposits and sludge formation.

Komatsu hot tube test

This test is run at 290 °C for 16 hours at which point the amount of deposits formed are measured against a pre-determined deposit scale to show how well oil resists or forms deposits. It helps relate to how well an oil will perform under severe high temperature operating conditions that the oil will experience.

Delo[®] Gold Ultra SAE 15W-40 was run in this test and showed excellent results, even when compared against competitor premium-tier heavy-duty engine oil formulations. These results indicate that

Delo[®] Gold Ultra SAE 15W-40 provides excellent high temperature deposit control.

Pressure differential scanning calorimeter

The PDSC measures the thin-film oxidation resistance of engine oils at 210 °C under dry air pressure of 100 psi. The onset of oxidation is detected by heat produced from the reaction. Higher rates of oxidations can cause more piston deposits, resulting in ring sticking and bore polishing.

Delo[®] Gold Ultra SAE 15W-40 and competitor top-tier heavy-duty engine oils were run in this test and the results compared to each other. Delo[®] Gold Ultra SAE 15W-40 showed very good performance as compared to competitor products highlighting its robust formulation.

Delo[®] Gold Ultra SAE 15W-40 exceeds most industry and engine manufacturers' performance requirements

- ACEA E7
- API CI-4, CH-4 / SL
- Caterpillar ECF-1-a
- Cummins CES 20078, 77, 76
- Daimler MB Approval 228.3
- Mack EO-O Premium Plus
- MAN M 3275-1
- MTU Category 2
- Renault RLD-2
- Volvo VDS-3

It also meets the requirements of:

- ACEA E5-02
- API CF-4, CF, CD
- Cummins CES 20072, 20071
- JASO DH-1
- Mack EO-M Plus



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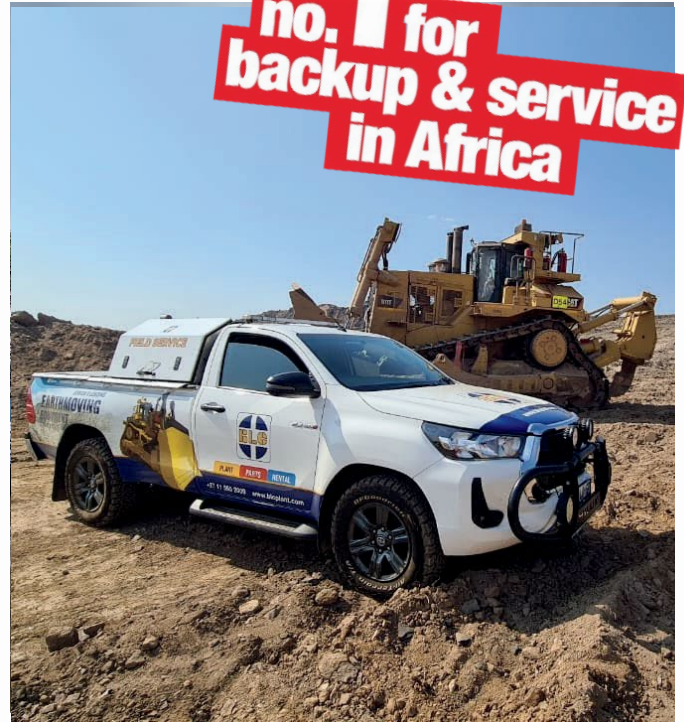
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THE IMPORTANCE OF SHELL COOLANTS

In the world of capital equipment, uptime is everything. As South Africa's premier distributor of Shell Lubricants, Atlas Oil is committed to helping businesses protect and optimise their heavy-duty machinery. With winter approaching, one of the most critical – yet often overlooked – elements in equipment care, is choosing the right coolant. By Atlas Oil – South Africa's Premier Distributor of Shell Lubricants

Why the right coolant matters before winter

Coolant, or antifreeze, is far more than just a summer essential. In colder temperatures, it plays a crucial role in protecting capital equipment. Here's why ensuring the correct coolant is in place ahead of winter is a smart business move:

1. Preventing freezing

Shell Coolants lower the freezing point of water in the cooling system, preventing expansion that could crack engine blocks, damage radiators, or rupture hoses. This protection is essential for machinery exposed to cold overnight conditions or operating in chilly environments.

2. Maintaining optimal temperatures

Beyond freeze protection, coolants help regulate engine temperature – ensuring engines don't overheat in summer or struggle to start in winter. This balance is key for reducing engine wear and avoiding downtime.

3. Advanced corrosion protection

Shell's use of Organic Additive Technology (OAT) ensures targeted corrosion inhibitors protect only where needed, without coating the entire system. This extends coolant life and safeguards vital engine components from rust and scale build-up.

4. Preventing overheating

Even in cooler months, engines can overheat under heavy loads. Shell Coolants efficiently

transfer heat away from the engine, helping maintain ideal operating temperatures for peak performance.

5. Ensuring smooth operation

By preventing both freezing and overheating, Shell Coolants allow your capital equipment to function seamlessly – keeping your business on track through winter's demands.

6. Cost savings

Neglecting coolant maintenance can lead to catastrophic equipment failure. Cracked blocks, burst pipes, and corroded systems are expensive to repair. Proper coolant use now can save thousands in emergency repairs later.

7. Manufacturer compatibility

Shell offers a broad range of coolants that meet leading OEM standards. Following manufacturer recommendations ensures compatibility, protection, and peace of mind.

8. Routine coolant checks

To maintain performance, regularly inspect coolant levels and condition. Schedule replacements as recommended to keep systems in peak condition year-round.

Choosing the right coolant is not just a seasonal task – it's a proactive maintenance decision that protects your investment. With winter approaching, now is the perfect time to review your coolant strategy. Partner with Atlas Oil and take advantage of Shell's advanced coolant technology to keep your

equipment protected, efficient, and productive – no matter how low the temperature drops.



Choosing the right coolant is not just a seasonal task – it's a proactive maintenance decision that protects your investment. With winter approaching, now is the perfect time to review your coolant strategy.

Shell coolant solutions recommended by Atlas Oil

Atlas Oil proudly supplies the full range of Shell Coolants, each designed to meet the rigorous demands of industrial and heavy-duty applications:

Shell Coolant Extra An OAT-based, ready-to-use coolant that provides exceptional long-life protection and performance, ideal for mixed fleets and a wide range of capital equipment.

Shell Coolant Longlife G12+ A concentrated glycol-based OAT coolant that delivers enhanced corrosion protection, long service life, and superior engine compatibility – making it a go-to for heavy-duty engines in cold-weather operations. Provides long-life and appropriate corrosion protection to all coolant system metals including copper, solder, brass, steel, cast iron and aluminium.



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- ✓ Improved fuel efficiency
- ✓ Extended oil drain intervals
- ✓ Compatibility with emissions systems
- ✓ Designed for modern and older diesel engines



Shell Lubricants
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