



**BANTLEON**  
Ideas. Systems. Solutions.

# HEAVY MACHINERY



**Ahead through innovation:**  
**HIGH-PERFORMANCE HYDRAULIC FLUIDS.**

# SUSTAINABLE EFFICIENCY STARTS WITH THE SYSTEM



PERFORMANCE



RELIABILITY



RESPONSIBILITY



OPERATIONAL  
EFFICIENCY

## MOBILE. POWERFUL. READY FOR THE FUTURE.

Mobile machinery operates under extreme conditions. Complete electrification is often not feasible – either economically or technically. This makes the efficiency of existing systems all the more important. Lubricants and hydraulic fluids make a decisive contribution to CO<sub>2</sub> reduction, longer service life and lower operating costs – without compromising performance.





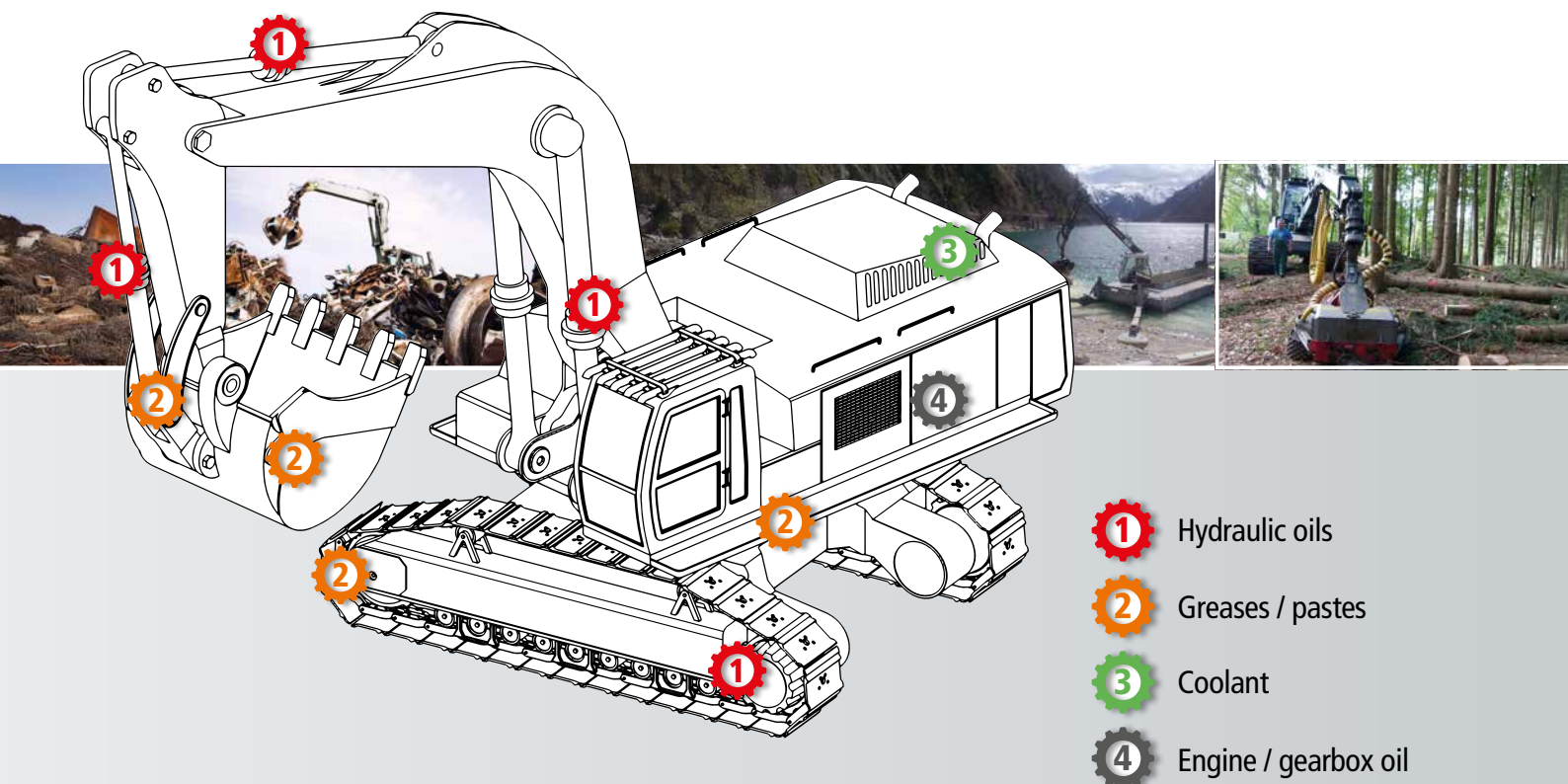
# HOLISTIC PERFORMANCE FOR MOBILE WORK MACHINES.

Bantleon Heavy Machinery focuses in particular on synthetic PAO hydraulic oils and special lubricants that are perfectly tailored to the complex requirements of mobile machinery.

With high temperature and ageing stability, excellent material compatibility and optimum viscosity behaviour, they deliver top performance – in heat, cold, dirt and continuous stress.

## Added value that makes the difference:

- High oxidation stability = fewer oil changes
- Minimal evaporation losses
- Compatibility with seals and hoses
- Protection against corrosion, contamination and water ingress
- Optimised CO<sub>2</sub> balance sheet throughout the entire life cycle





# PERFORMANCE WHEN IT MATTERS.

The ability to deliver maximum machine performance exactly when it is needed is crucial for the successful operation of a mobile hydraulic system. A high viscosity index guarantees that the lubricant maintains consistent temperature and viscosity characteristics, even in the event of significant climatic changes and prolonged machine downtime.

Our high-performance hydraulic oils are therefore optimally matched to the performance requirements of the machine in order to guarantee smooth operation for the user.

## Your added value:

- **Immediate operational readiness**  
Improved cold start characteristics shorten warm-up phases – ideal for changing temperatures.
- **Year-round use**  
without additional oil changes – even when mixed with mineral oils, e.g. due to changing attachments.
- **Less downtime**  
Less downtime – higher productivity.
- **Tested quality:**  
High-performance hydraulic fluids with DEKRA PSR validation.



Dekra-PSR



# RELIABILITY THAT MOVES YOU.

Our hydraulic oils are designed for tough practical use – powerful, gentle on materials and temperature-stable. The targeted combination of high-quality base oils and additives ensures reliable performance, even under difficult conditions.

This is supported by our own accredited laboratory: with sound analysis and practical diagnostics, we help to extend oil service life and minimise the risk of failure – for greater operational safety.

## Your added value:

- **Precision and control**  
through rapid response in the interaction between man and machine in demanding applications.
- **Functionally reliable,**  
even with water content – no additional filters required.
- **Good material compatibility**  
protects seals and hoses and minimises the risk of leaks.
- **Ready for use in all weather conditions –**  
stable viscosity properties ensure consistent performance.
- **Can be mixed with mineral oil**  
without loss of functional reliability.
- **Optimised service life**  
of components thanks to optimum air separation and foaming behaviour.





# TAKING **RESPONSIBILITY.** SHAPING THE FUTURE.

Sustainability is something we put into practice every day. Without compromising on performance or safety.

We take a holistic approach to responsibility: for people, machines, the environment and the surrounding area. Together with our partners, we develop solutions that conserve resources, extend service life and prove themselves in everyday use.

## Your added value:

- **Safe to use –**  
even in environmentally sensitive areas,  
no skin irritation on contact.
- **Eco-label confirmed:**  
Type I & II classification.
- **Significant CO<sub>2</sub> savings potential –**  
thanks to smooth running, reduced friction and  
temperature-stable viscosity.
- **Quick detection and elimination**  
of leaks – especially in areas close to water.
- **Less disposal effort:**  
Flush volumes can be reused as mineral oil.
- **Hydraulic fluids for hygiene-sensitive areas**  
with H1 approval, e.g., for the food industry.



PAO-Hochleistungsfluide



# ECONOMIC EFFICIENCY ACROSS THE BOARD.

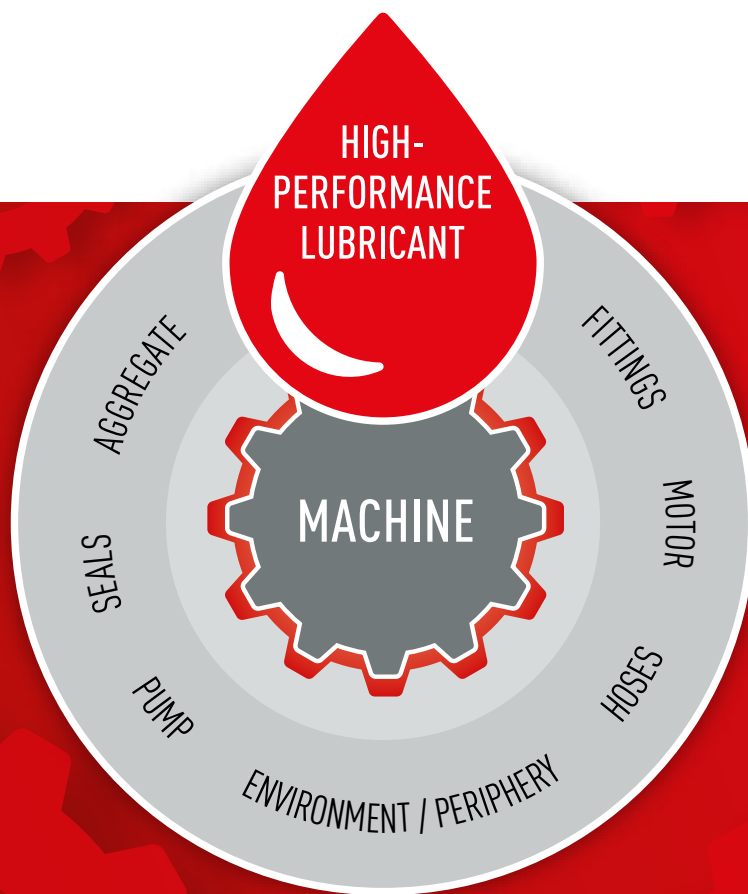
Those who invest today expect efficiency tomorrow. Our hydraulic oils actively contribute to the cost-effectiveness of your machines by reducing friction losses, extending oil change intervals and lowering maintenance costs.

From individual devices to entire fleets: less effort, higher availability, lower operating costs.

## Your added value:

- **Lower consumption,**  
higher performance – thanks to optimum smooth-running properties.
- **Longer service intervals**  
reduce downtime and lower costs.
- **No oil change is required when used in environmentally sensitive areas**  
– saving time and conserving resources.
- **Reduced repair costs**  
due to lower cavitation risk thanks to optimal air separation and foam behaviour.
- **Increased productivity**  
through higher machine availability with reduced downtime.





## "SUSTAINABLE EFFICIENCY STARTS WITH THE SYSTEM!"

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