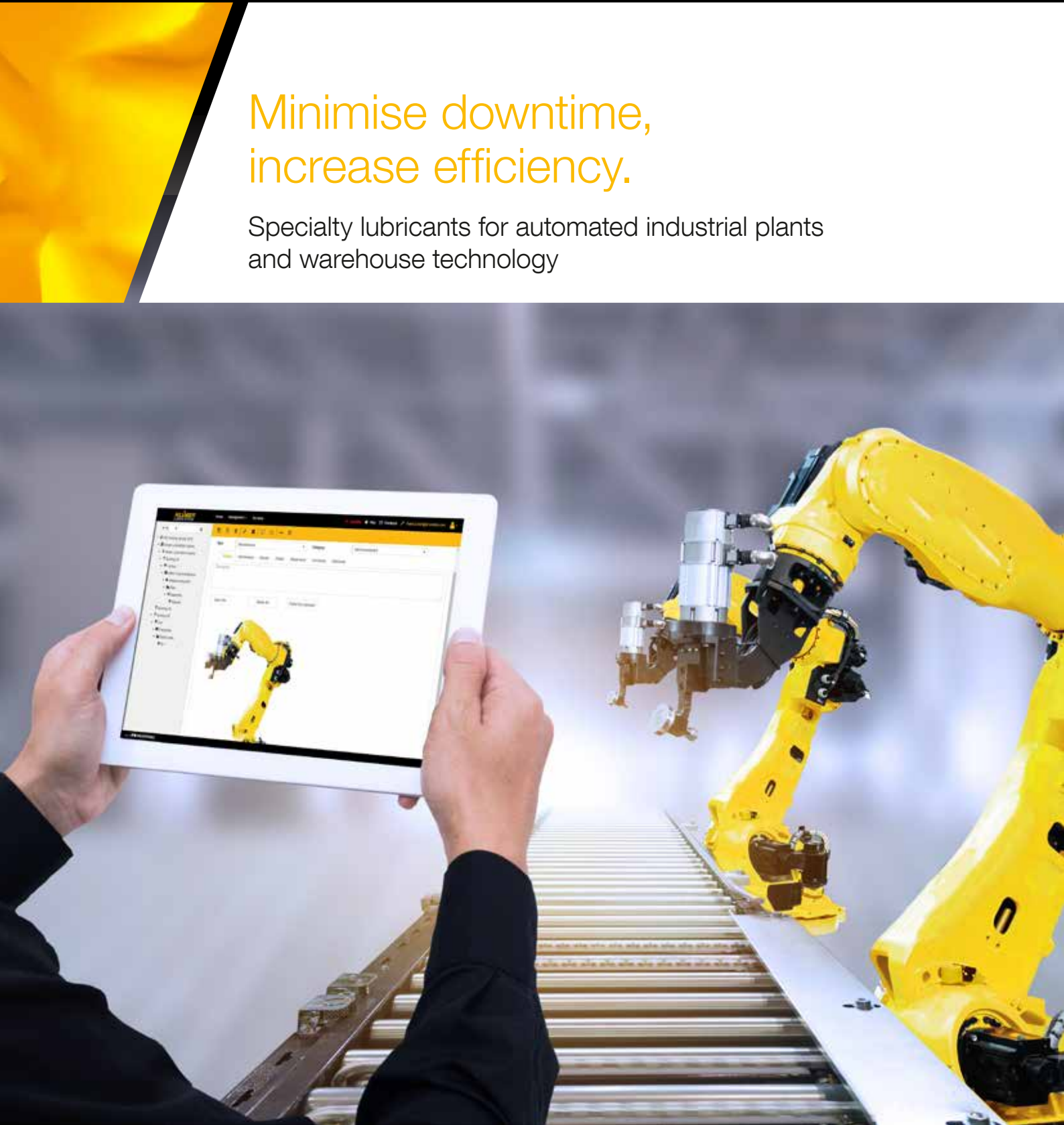


your global specialist

Minimise downtime,
increase efficiency.

Specialty lubricants for automated industrial plants
and warehouse technology



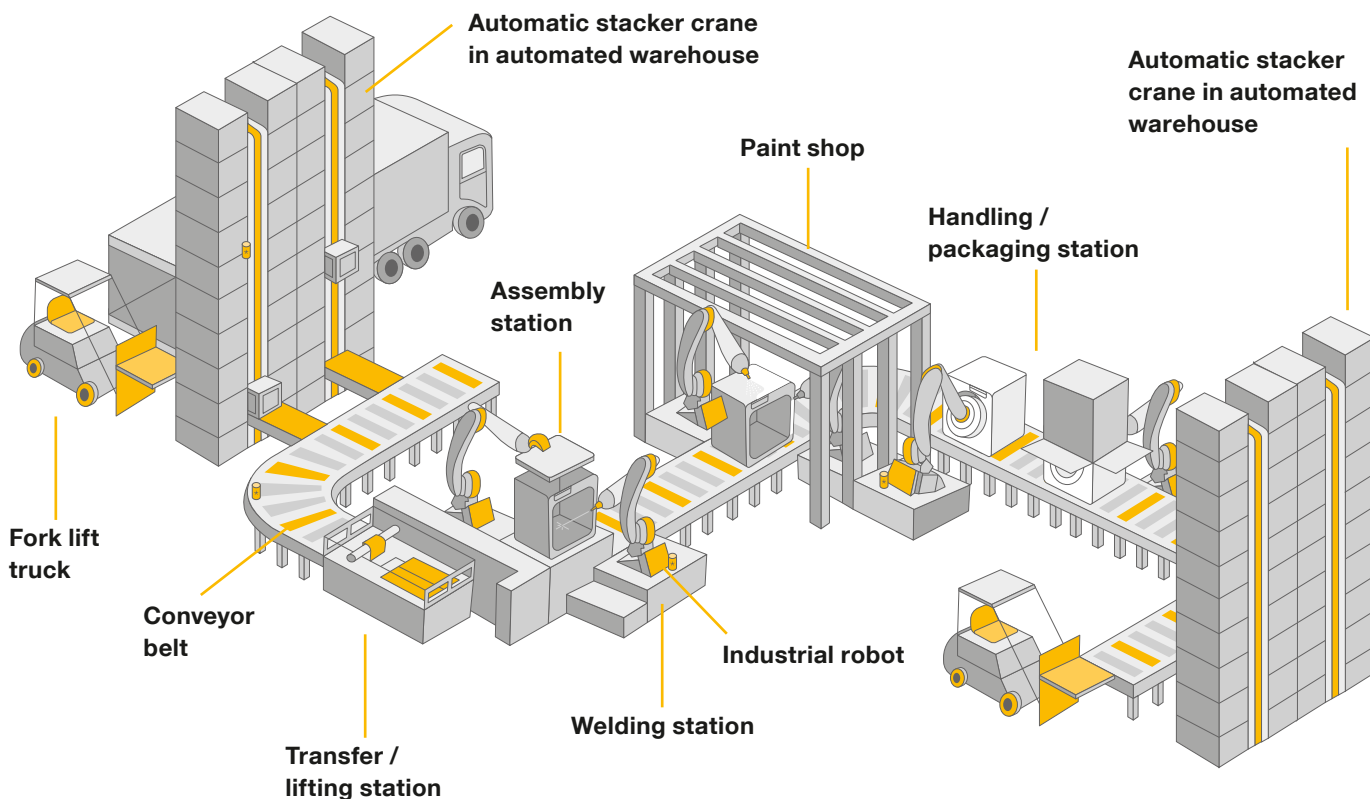


Automation has meanwhile become a standard feature of modern industry. For the components and machines used, however, automation means more complexity and higher loads. This in turn leads to more maintenance being required and a higher failure risk.

We have the solution to combat production stoppage: high-performance specialty lubricants. They help reduce downtime, extend maintenance intervals and attain high equipment availability. Klüber Lubrication is your partner for all matters regarding automation, offering a comprehensive range of specialty lubricants for your automatic applications.

Always tuned to your specific challenges

Whether it's about conveyors or robots, the automotive industry or food-processing equipment: Klüber Lubrication can provide matching solutions to all kinds of applications. Whether it's in chain drives in enamelling ovens operating at extreme temperatures, highly loaded rollers, bearings, slideways or applications requiring biodegradable or food-safe products – our lubricants perform in numerous fields of application, always tuned to the needs of our customers.



 **Klübermatic - automatic lubricant dispenser**

Klüber Lubrication offers matching lubricants for, among other things:	
Industrial vehicles	<ul style="list-style-type: none"> - Attachments - Automated guide vehicles - Fork lift trucks - High-lift pallet trucks - Order picker trucks - Reach trucks
Automatic storage systems	<ul style="list-style-type: none"> - Buffer systems - Load handling equipment/ extractors - Stacker cranes
Materials handling	<ul style="list-style-type: none"> - Conveyor belts - Floor conveyors - Lift conveyors - Overhead conveyors - Pendulum conveyors - Power and free conveyors - Roller conveyors - Rotary tables - Transfer stations
Robots	<ul style="list-style-type: none"> - Collaborative robots - Delta robots - Effectors - Gantry robots - Industrial robots - Linear guides
Maintenance	<ul style="list-style-type: none"> - Assembly paste - Cleaning / degreasing agents

Hint:

Prevent lubricant starvation and avoid over-lubrication with Klübermatic. The automatic lubricant dispensers support you with a wide range of application options:

- Oils and greases
- Single and multi point dispenser
- Electromechanical lubricating systems
- Electrochemical lubricating systems
- Accessories
- PLC interfaces

Your benefits:

- ▶ **Maximum productivity and long service lives:** With the excellent lubricity, thermal and ageing resistance of our lubricants, downtime due to maintenance and repair can be minimised.
- ▶ **High plant availability and long maintenance intervals:** Our lubricants help prevent corrosion and wear. This helps attain long equipment life.
- ▶ **Clean and reliable application:** Klüber Lubrication emphasises ease and precision of lubricant application – whether automatically by means of centralised lubricating systems or lubricant dispensers, or manually.
- ▶ **Proven in tests and in practice:** As your development partner, we offer you speciality lubricants according to your specifications. Tested in special test facilities and proven over and over again in practice. Our quality is measurable, tested, and certified internationally.
- ▶ **Service that saves you time and money:** Our experts will analyse the lubrication points in your plant, provide training to your staff, generate lubrication charts and devise optimised maintenance processes.
- ▶ **Innovation for added value:** Whether biodegradability, NSF H1 registration or Hydro Lubricants with water as functional component - our products offer highly advanced solutions.
- ▶ **Tried and tested quality available worldwide:** Our specialty lubricants are approved by the major OEMs and are available worldwide - in constant superior quality.

Contact us, together with you we will identify and implement potential for improvement.

www.klueber.com

Klüber Lubrication – your global specialist

Innovative tribological solutions are our passion. Through personal contact and consultation, we help our customers to be successful worldwide, in all industries and markets. With our ambitious technical concepts and experienced, competent staff we have been fulfilling increasingly demanding requirements by manufacturing efficient high-performance lubricants for more than 90 years.

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