

Highlights

- Very good load carrying capacity
- Excellent resistance to shock loads
- Excellent water resistance

TrustLube Heavy Load is a complex thickened lubricating grease based on mineral oil. The grease contains antioxidants and corrosion inhibitors. The product does not contain conventional EP- or AW-additives since they are built in as an integral part of the soap structure.

The functional soap gives the product very good load carrying capacity making it suitable for heavily loaded applications. The grease also has good mechanical stability, good corrosion protection and excellent water resistance, all of which are important in wet and corrosive environments.

TrustLube Heavy Load is a modern high performance product suitable for extreme applications in heavy industry. The extreme load carrying capacity and the excellent water resistance make the product a perfect choice for heavily loaded open gears. The lack of solid lubricants makes gear inspection easier and reduce build-up of solids in gear seats.



corrosion protection



extreme pressure



high loads



water resistant

ISO 12924: L-XB(F)CIB2

DIN 51502: OGFP2K-20

Thickener		Xtreme complex
Base fluid		Mineral oil
Texture		Smooth
Colour	Visual	Beige
NLGI Grade	ASTM D 217	2
Dropping point	IP 396	> 260°C
Base oil viscosity at 40°C	ASTM D 7152	460 mm ² /s
Base oil viscosity at 100°C	ASTM D 7152	27 mm ² /s
Penetration 60 strokes	ISO 2137	265 - 295
4-ball weld load	DIN 51350:4	7500 N
Water resistance at 90°C	DIN 51807:1	0
Water wash out at 38°C	ISO 11009	< 5 %
Emcor salt water	ISO 11007	≤ 2 - 2
Flow Pressure at -20°C	DIN 51805 mod	< 1400 mbar
SKF R2F B at 120°C	SKF	Pass
Density	IP 530	960 kg/m ³
Temperature range		-20°C to +120°C (max +130°C)

The information above is based on current production data and can vary within given tolerances. Temperature range is given as a guideline only. Information and data can be changed without previous notification. This information replaces prior editions.

Maritime

- Offshore Oil & Gas
- Offshore Wind
- Offshore Contracting
- Dredging

Mining

- Heavy Industry**
- Food Industry**

About TrustLube®

TrustLube® designs, manufactures, assembles and installs automatic lubrication systems and monitoring systems for the Maritime Industry, Mining, Heavy Industry and Food Industry.

Our skill lies in the exact dosage required for the installation to achieve a sound performance. The method of TrustLube® ensures the continuity of the industrial process and enables installations to achieve significant lubricant savings.

Our sustainable TrustLube® systems continually prove themselves in the most extreme conditions. Anywhere in the world.

Automatic Lubrication System

The TrustLube® dual line system is, due to the simplicity and reliability, the preferred choice for heavy-duty applications. With the TrustLube® system one metering device per greasing point is used. All metering devices are working independent of each other regardless temperature, tube length and viscosity of the lubricant. TrustLube® two line systems provide reliable lubrication for large extended installations and deliver an exact quantity of grease per cycle to provide optimal lubrication to each greasing point.

Per greasing point the grease quantity can be exactly adjusted, by mounting the exact metering device available in a large range of different quantities from 0.1cc to 7.5cc, delivering each cycle an exact quantity at the right place.

The quantity of grease is independent from outside temperature and pump running time. The system is completely hermetically sealed. No dirt, seawater or sand can enter the system. The complete system is constructed in stainless steel. Each distribution metering unit has a non-return check valve that prevents grease returning in the line.

A TrustLube® system and the metering devices are in such way developed that segregation of grease cannot occur. Each metering device can be electronically monitored to detect a possible blocking greasing point in an early stage. Special stainless steel distribution manifolds are designed by TrustLube® to ensure easy fitting with the main lines which also makes future extensions, when necessary, very easy.

TrustLube B.V. is ISO 9001, ISO 14001, OHSAS 18001 and SCC Petrochemical certified.



It underlines our commitment to deliver high quality products and an excellent level of service.