

Highlights

- Non-ionic and inert nature
- High resistance to process fluids
- A long grease life

TrustLube Hybrid is a polypropylene thickened grease. The grease contains antioxidants, corrosion inhibitors and EP/AW additives based on bismuth chemistry.

This novel technology provides considerable advantages; The non-ionic and inert nature provides excellent compatibility to conventional lubricating greases, high resistance to process fluids and a long grease life. The unique ability to adapt the lubricating film thickness to a wide range of speeds, and even varying speeds. The continuously regenerated lubrication film and in-situ created friction enhancers, reduce friction and running temperatures, which in turn, results in lowered temperatures and longer life of grease and components.

TrustLube Hybrid is an unique high performance synthetic lubricant suitable for a wide range of applications where reduced maintenance intervals, increased equipment life and equipment availability is needed. Furthermore, the product is able to serve sensitive materials such as aluminum, ceramics, and elastomers, handle challenging process fluids with maintained lubricating ability. This product is well suited for use in centralized lubrication systems.



corrosion protection



extreme pressure



central lubrication



multi-purpose



water resistant

ISO 12924: L-XC(F)CIB2

DIN 51502: KPHC2K-30

Thickener		Polypropylene
Base fluid		Synthetic oils
Texture		Smooth
Colour	Visual	Yellow
NLGI Grade	ASTM D 217 mod	2
Dropping point	IP 396	> 140°C
Base oil viscosity at 40°C	ASTM D 7152	260 mm ² /s
Base oil viscosity at 100°C	ASTM D 7152	34 mm ² /s
Penetration 60 strokes	ISO 2137	265 - 295
4-ball weld load	DIN 51350:4	3200 N
Water resistance at 90°C	DIN 51807:1	0
Water wash out at 79°C	ISO 11009	< 10 %
Emcor salt water	ISO 11007	≤ 2 - 2
Flow Pressure	DIN 51805 mod	Pass -30°C
SKF R2F B	SKF	Pass 120°C
Density	IP 530	840 kg/m ³
Temperature range		-30°C to +120°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.