

Highlights

- Biodegradable components
- Excellent water resistance
- Wide range of applications

TrustLube Multipurpose is an anhydrous calcium thickened lubricating grease based on renewable biodegradable vegetable oil, esters and polymers. The grease contains antioxidants, corrosion inhibitors, and EP/AW additives.

The thickener, together with the environmentally adapted base oil blend, makes the product suitable for various applications within given temperature limits. The lubricating grease offers good mechanical stability, load carrying capacity, and corrosion protection, making it suitable for heavily loaded bearings as well as for humid environments.

TrustLube Multipurpose is a modern multipurpose EAL grease for diversified use. The product's all-round properties make it the primary choice for various types of bearing applications, especially in cases where "lost lubrication" is a factor.

TrustLube Multipurpose is compliant to 2013 VGP legislation.



corrosion protection



extreme pressure



multi-purpose



water resistant

ISO 12924: L-XB(F)BIB2

DIN 51502: KPE2E-20



EAL

Environmental legislations:

- 2013 VGP
- Swedish Standard 155470

| | | |
|-------------------------------|-----------------|-----------------------------|
| Thickener | | Anhydrous Calcium |
| Base fluid | | Vegetable oil / polymer |
| Texture | | Smooth |
| Colour | Visual | Yellow |
| NLGI Grade | ASTM D 217 | 2 |
| Dropping point | IP 396 | > 140°C |
| Base oil viscosity at 40°C | ASTM D 7152 | 130 mm ² /s |
| Base oil viscosity at 100°C | ASTM D 7152 | 23 mm ² /s |
| Penetration 60 strokes | ISO 2137 | 265 - 295 |
| 4-ball weld load | DIN 51350:4 | 2800 N |
| Water resistance at 90°C | DIN 51807:1 | 0 |
| Water wash out at 38°C | ISO 11009 | < 10 % |
| Emcor salt water | ISO 11007 | ≤ 2 - 2 |
| Flow Pressure at -20°C | DIN 51805 mod | < 1400 mbar |
| Readily biodegradable content | EEL calculation | 92 % |
| Renewable carbon content | EEL calculation | 92 % |
| Density | IP 530 | 920 kg/m ³ |
| Temperature range | | -20°C to +90°C (max +100°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.