



RENOLIT EP GREASES

High quality, multi-use EP greases

Description

RENOLIT EP 1 and RENOLIT EP 2 greases are multi-purpose lubricants suitable for use in high pressure greasing equipment. Their pumpability ensures regular and easy flow through the fine bore pipes used in automatic systems. RENOLIT EP 2 may be used as a general industrial and automotive lubricant. It can be used for product rationalisation for many applications. RENOLIT EP 2 Complies with British Timken Recommendations 2891

RENOLIT EP 0 grease will provide for an efficient level of pumpability in small bore systems, which means that even when the point of application is remote from the motive source there will be no significant pressure differential to overcome. This factor is critical when selecting the correct lubricant to be supplied via conventional and modern automatic lubrication systems.

RENOLIT EP 00 is a semi-fluid grease also recommended for automatic greasing units and as an alternative to industrial gear oils to prevent leakage.

RENOLIT EP 000 is a semi-fluid grease recommended for the lubrication of commercial vehicles and plant served by automatic greasing units. It may also be recommended as an alternative to industrial gear oils in enclosed gearboxes where high leakage rates are experienced.

Application

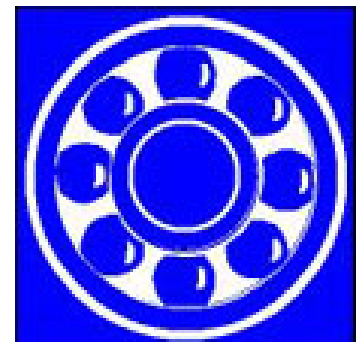
RENOLIT EP GREASES are high specification, general purpose greases suitable for many industrial and automotive applications.

Advantages/Benefits

- RENOLIT EP GREASES are lead-free
- Five grades available in the range allowing selection of the appropriate grade for the equipment in use
- RENOLIT EP GREASES contain extreme pressure additives to allow use in heavy load conditions
- Formulated to contain anti-rust additives to protect against corrosion
- Anti-oxidants included to prolong product life

NOTE

RENOLIT EP GREASES are available in five NLGI consistencies 000, 00, 0,1 and 2. The structure of the products is based upon a conventional lithium metallic soap, which will ensure compatibility with other lithium greases of a similar nature. RENOLIT EP GREASES contain extreme pressure, anti-rust and anti-oxidation additives.



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Health, Safety and Environment - information is provided for products in the relevant Safety Data Sheet. This provides guidance on potential hazards, precautions and first-aid measures, together with environmental effects and disposal of used products.

While the information and figures given here are typical of current production and conform to specification, minor variations may occur. No warranty expressed or implied is given concerning the accuracy of the information or the suitability of the products



CHARACTERISTICS: RENOLIT EP GREASES

| Characteristics | Unit | RENOLIT RENOLIT RENOLIT RENOLIT RENOLIT | | | | | Test Method |
|--|---------|---|----------------|----------------|----------------|----------------|-------------|
| | | EP 000 | EP 00 | EP 0 | EP 1 | EP 2 | |
| Colour | | Translucent brown | | | | | |
| Texture | | Smooth | | | | | |
| Thickening agent | | Lithium soap | | | | | |
| Drop point | °C | Not Applicable | 177 min. | 182 min. | 177 min. | ISO2176 | |
| Worked penetration | 1/10 mm | 445-475 | 400-430 | 355-385 | 310-340 | 265-295 | ISO2137 |
| DIN Classification | | KP 000 K-30 | KP 00 K-30 | KP 0 K-30 | KP 1 K-30 | KP 2 K-20 | DIN 51 825 |
| ISO Classification | | L-XBBEB 000 | L-XBBEB 00 | L-XCBEB 0 | L-XCCEB 1 | L-XBCEB 2 | ISO 6743-9 |
| NLGI grade | | 000 | 00 | 0 | 1 | 2 | |
| Water content | %wt | 0.2 max. | | | | | IP74 |
| Acidity on base grease as oleic | %wt | 0.2 max. | | | | | IP37 |
| Alkalinity on base grease as LiOH | %wt | 0.2 max. | | | | | IP37 |
| Oil separation 7 days at 40°C | %wt | Not Applicable | | 9.0 | 7.0 max. | | IP121 |
| Oxidation stability maximum pressure drop 100 hours | bar | 0.7 | | | | | IP142 |
| Dynamic anti-rust test distilled water | | Not Applicable | | 0,0 | 0,0 | | IP220 |
| Copper corrosion 24 hr at 40°C | | Passes | | | | | IP112 |
| 4 ball weld load | N | 2453 | | | | | IP239 |
| Sphere of use | °C | -30 to +100 | -30 to +100 | -30 to +110 | -30 to +120 | -25 to +130 | |

Fluid Component

| Type | Highly refined mineral oil | | | | | | |
|---------------------|----------------------------|-------|-------|-------|-------|-------|---------|
| Kinematic viscosity | | | | | | | ISO3104 |
| at 40°C | mm ² /s | 230.0 | 230.0 | 230.0 | 230.0 | 230.0 | |
| at 100°C | mm ² /s | 17.50 | 17.50 | 17.50 | 17.50 | 17.50 | |

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