

## 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.

### Shelf Life

The minimum shelf life is 36 months if the product is properly stored between 0°C and 40°C in its unopened original container in a dry place. The indication of a minimum shelf life does not include any guarantee of durability.



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## 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 <sup>2</sup> /s	230.0	230.0	230.0	230.0	230.0	
at 100°C	mm <sup>2</sup> /s	17.50	17.50	17.50	17.50	17.50	