

RENOLIT EXTREME LOAD 2

Heavy duty grease for extreme load applications

Description

RENOLIT EXTREME LOAD 2 is a non heavy metal extreme pressure, long life, lithium grease which contains special additive treatment. The additive treatment of this product ensures its suitability for use in heavily loaded rolling element or plain bearing applications, especially those subjected to vibration or shock loading.

It also makes the product highly suited to applications where water washout could be a problem and where long life and excellent mechanical product stability are called for.

This product is fortified with an anti-wear, anti-corrosion additive package.

Application

RENOLIT EXTREME LOAD 2 is designed for use in: -
Vibrating screen bearings.

Heavily loaded rolling element or plain bearing applications, especially those subjected to vibration or shock loading.

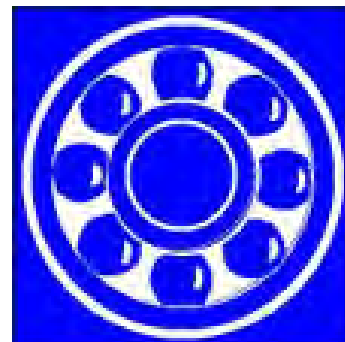
The product formulation also makes RENOLIT EXTREME LOAD 2 suitable for use in bearings subjected to water or coolant wash.

Advantages/Benefits

- Contains extreme pressure additives
- Protects against corrosion
- Reduces wear on bearings
- Excellent resistance to water washout
- Contains molybdenum disulphide to aid boundary lubrication
- Special polymeric additive to improve lubricating properties

Specifications

- Formulated to Ford Specifications SM1C 1020B and WSD M1C 227A.



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CHARACTERISTICS: RENOLIT EXTREME LOAD 2

Characteristics	Unit		Test Method
Colour		Grey	
Texture		Short fibre	
Thickening agent		Lithium soap	
Drop point	°C	177 min.	ISO2176
Worked penetration	1/10 mm	270-295	ISO2137
Prolonged penetration (10 ⁵ strokes)	ISO2137	+50 max.	ISO2137
DIN Classification		KPF 2 K-10	DIN 51 825
ISO Classification		L-XBCEB 2	ISO 6743-9
NLGI grade		2	
Water content	%wt	0.1 max.	IP74
Oil separation 7 days at 25°C	%wt	2.1	IP121
Oxidation stability maximum pressure drop 100 hours	bar	2.1	IP142
Water washout at 40°C	%wt	<1	IP215
Water washout at 80°C	%wt	<1	IP215
Timken OK load	N	196	IP326
Timken wear	mm	1.0 max.	IP326 (Mod.)
Film strength durability Timken 10lb load (1mm max. scar width)	hours	8	
Fillers		Molybdenum disulphide and Polymeric additive	
Sphere of use	°C	-15 to +120	

Fluid Component

Type		Highly refined mineral oil	
Kinematic viscosity at 40°C	mm ² /s	152.0	ISO3104
at 100°C	mm ² /s	14.1	

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