

RENOLIT EP X1

Heavy duty gear coupling grease

Description

RENOLIT EP X1 is designed for, and particularly suited to, geared coupling applications where heavily loaded conditions exist. The additive treatment and the high viscosity of the base oil help to minimise the wear damage which results from bearing surfaces coming into direct contact with each other.

RENOLIT EP X1 is a lithium soap thickened grease containing a high level of molybdenum disulphide. The grease also contains oil soluble additives to increase its load carrying capacity and reduce wear, it is also inhibited against corrosion and oxidation.

Application

RENOLIT EP X1 is primarily designed for the lubrication of geared couplings, but also finds use in slow moving, heavily loaded bearing applications.

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.

Advantages

- Ideal for heavy load conditions
- Protects against corrosion
- Resistant to oxidation
- Free from heavy metals

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Characteristics

Characteristics	Unit	Value	Test Method
Colour	-	Black	-
Thickening agent	-	Lithium soap	-
Drop point	°C	≥ 170	IP 396
Worked penetration	1/10 mm	310-340	DIN ISO 2137
NLGI grade	-	1	DIN 51 818
Dynamic anti-rust test distilled water EMCOR		0-0	IP 220
Copper corrosion 24 hr at 40°C	-	Passes	IP 112
Timken OK load	N	≥ 178	IP 326
Sphere of use	°C	-15 to +120	-
Kinematic viscosity at 40°C at 100°C	mm ² /s	1050.0 42.5	ISO 3104

Product Information

MOVING YOUR WORLD



Note

The information contained in this product information is based on the experience and know-how of FUCHS LUBRICANTS GERMANY GmbH in the development and manufacturing of lubricants and represents the current state-of-the-art. The performance of our products can be influenced by a series of factors, especially the specific use, the method of application, the operational environment, component pre-treatment, possible external contamination, etc. For this reason, universally-valid statements about the function of our products are not possible.

Our products must not be used in aircraft or spacecraft. Our products may be used in the manufacture of components for aircraft or spacecraft if they are removed without residue from the components prior to assembly into the aircraft or spacecraft.

The information given in this product information represents general, non-binding guidelines. No warranty expressed or implied is given concerning the properties of the product or its suitability for any given application. We therefore recommend that you consult a FUCHS LUBRICANTS GERMANY GmbH application engineer to discuss application conditions and the performance criteria of the products before the product is used. It is the responsibility of the user to test the functional suitability of the product and to use it with the corresponding care.

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