Eni Grease LCX 2/220

APPLICATIONS

Eni Grease LCX 2/220 is a lithium complex grease, formulated with synthetic base oil of viscosity ISO VG 220 that allow the grease to operate at very low temperatures.

The particular combination of anti-wear, EP, anticorrosive and anti-oxidant additives guarantees excellent performance in severe operating conditions such as high loads and in presence of vibrations.

In addition, the synthetic base gives a high thermal and oxidative stability over time, allowing a reduction of downtime cases and maintenance costs.

Eni Grease LCX 2/220 is recommended for high temperature and high load applications such as lubrication of bearings and other parts operating under severe conditions (joints, bearings of paper mills, rolling mill bearings, flat bearings and rolling bearings exposed to water washout).

CUSTOMER ADVANTAGES

- Suitable for applications at high and low temperature thanks to the nature of the synthetic base and the very high dropping point
- Extension of service life and relubrication intervals, even in the presence of strong mechanical and thermal stresses
- Excellent adhesiveness and resistance to water washout. Can be used in humid environments and in the presence of water
- Good loads resistance
- High anti-rust and anti-corrosion protection and compatibility with all types of metals both ferrous and non-ferrous

SPECIFICATIONS - APPROVALS

- ISO 12924 L-XDEHB 2
- DIN 51825 KPHC 2P -40

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CHARACTERISTICS

Properties	Method	Unit	Typical
Appearance	-	-	smooth-textured homogeneous
Colour	-	-	gray/beige opaque
Thickener type	-	-	litio complesso
Consistency (NLGI grade)	ASTM D 217	-	2
Penetration at 60 double stroke	ASTM D 217	dmm	280
Base oil type	-	-	sintetico
Base Oil Viscosity at 40°C	ASTM D 7042	mm²/s	220
Dropping point	ASTM D 566	°C	290
EMCOR test in distilled water	IP 220	-	0/0
Corrosion	ASTM D 1743	-	supera
Copper corrosion	ASTM D 4048	-	1a
Timken OK load	ASTM D 2509	lbs	>45
4 Balls weld load	ASTM D 2596	daN	400
Temperature range	-	°C	-40/+160

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