



APPLICATIONS

Eni Grease LCX 1/220 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 1/220 is particularly recommended for the lubrication of centralized systems of continuous casting, rolling mills, hot press guides and continuous paper production machines.

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 1
- DIN 51825 KPHC 1P -40





CHARACTERISTICS

Properties	Method	Unit	Typical
Appearance	-	-	homogeneous/ smooth-textured
Colour	-	-	gray / beige opaque
Thickener type	-	-	litio complesso
Consistency (NLGI grade)	ASTM D 217	-	1
Penetration at 60 double stroke	ASTM D 217	dmm	325
Base oil type	-	-	sintetico
Base Oil Viscosity at 40°C	ASTM D 7042	mm ² /s	220
Dropping point	ASTM D 566	°C	280
Corrosion	ASTM D 1743	-	supera
Copper corrosion	ASTM D 4048	-	1a
4 Balls weld load	ASTM D 2596	kg	315
Timken OK load	ASTM D 2509	lbs	>45
Temperature range	-	°C	-40/+160



eni