



## APPLICATIONS

**Eni Grease LCX 1.5/460** is a lithium complex grease, formulated with synthetic base oil of viscosity ISO VG 460 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 1.5/460** is specifically indicated for slow reducers operating in humid environments, with high loads and high temperatures such as used in steel, paper and glass industries and in the lubrication of the main shaft bearings and the bearings which regulate the propeller pitch and the swinging of the wind blades.

**Eni Grease LCX 1.5/460** is suitable for the lubrication of excavating machines and TBM (Tunnel Boring Machine).

## 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

- DIN 51825 KPHC 1,5R -40
- ISO 12924 L-XDFHB 1,5





## CHARACTERISTICS

Properties	Method	Unit	Typical
Appearance	-	-	smooth-textured homogeneous
Colour	-	-	gray/beige opaque
Base oil type	-	-	synthetic
Base Oil Viscosity at 40°C	ASTM D 445	mm <sup>2</sup> /s	460
Thickener type	-	-	lithium complex
Consistency (NLGI grade)	-	-	1.5
Dropping point	ASTM D566	°C	290
Penetration at 60 double stroke	ASTM D217	dmm	300
Copper corrosion	ASTM D4048	-	1a
Corrosion	ASTM D 1743	-	pass
4 Balls weld load	ASTM D 2596	kg	315
Timken OK load	ASTM D 2509	lbs	>45
Temperature range	-	°C	-40/+180

