



APPLICATIONS

Eni Grease LC 1 is a special 'multipurpose' grease, formulated with lithium complex soap and anti-rust, antioxidant and EP (Extreme Pressure) additives.

Characterized by a high dropping point and a high thermal and mechanical stability, **Eni Grease LC 1** has been designed to meet the particular needs of steel industry where the grease is intended for the lubrication of bearings operating at high temperatures (roller pathways for slabbing, ovens outputs roller way's of continuous casting).

Suitable for the lubrication of bearings and other components subjects to heavy loads, shocks and vibrations, (eg: joints, bearings of paper mills, rolling mill bearings), exposed to wather washout and operating in a wide range of temperature (peaks up to +150°C).

Eni Grease LC 1 is suitable for centralized grease systems, for example for systems used on rolling mills and on the slideways of hot forming presses.

CUSTOMER ADVANTAGES

- High dropping point, ideal for use at high temperatures, (peaks up to150°C)
- Stable even if exposed at strong mechanical and thermal stresses
- High adhesiveness and water washout resistance
- High anti-rust and anti-corrosion properties without being aggressive towards yellow metals

SPECIFICATIONS - APPROVALS

- DIN 51825 KP 1N -20
- ISO 12924 L-XBDHB 1





CHARACTERISTICS

Properties	Method	Unit	Typical
Appearance	-	-	smooth -textured
Colour	-	-	amber
Thickener type	-	-	lithium complex
Base oil type	-	-	mineral
Consistency (NLGI grade)	ASTM D 217	-	1
Penetration at 60 double stroke	ASTM D 217	dmm	325
Base Oil Viscosity at 40°C	ASTM D 7042	mm ² /s	220
Dropping point	ASTM D 566	°C	265
Water washout at 38°C	ASTM D 1264	% p	1.5
4 Balls weld load	DIN 51350-P2	daN	250
4 Balls wear	ASTM D 2266	mm	0.41
Oil separation	DIN 51817	%	<5
Temperature range	-	-	-20/+140

WARNINGS

- Further information are available on the Material Safety Data Sheet.

