



APPLICATIONS

Eni Grease LP 2 is a smooth-textured grease, black-coloured, formulated with mineral base oil and with lithium-calcium soap. The EP (Extreme Pressure) additive imparts particular anti-wear and anti-welding characteristics capable of resisting the maximum mechanical stresses that occur in components subjected to heavy loads with sliding couplings. It has strong adhesive and water repellent properties which make it particularly suitable for lubrication in environments where water is present. **Eni Grease LP 2** has been specially formulated as 'multipurpose' grease to satisfy all those applications that require strong adhesiveness, resistance to high temperatures, to water washout, to loads and vibrations. Recommended for the steel industry, in particular for the lubrication of bearings in hot and cold train rolling mills, and in general for flat and rolling bearings, loaded gears, joints, ropes and chains operating in a wide temperature range and in severe environmental conditions.

CUSTOMER ADVANTAGES

- Grease with long-lasting performance due to its formulation technology and its high resistance to oxidation. The grease passes the tests FAG FE 9 (DIN 51821-02) and SKF R2F at 120°C
- Excellent tackifying properties and resistance to water washout for use in damp environments and in the presence of water
- Very high resistance to loads, shocks and vibrations
- Very high anticorrosion and antirust properties

SPECIFICATIONS - APPROVALS

- DIN 51826 GP 2K -20
- DIN 51825 KP 2K -20
- ISO 12924 L-XBCHB 2
- ISO 6743/6 L-CKG 2





CHARACTERISTICS

Properties	Method	Unit	Typical
Appearance	-	-	smooth-textured
Colour	-	-	black-coloured
Thickener type	-	-	lithium/calcium
Consistency (NLGI grade)	ASTM D 217	-	2
Penetration at 60 double stroke	ASTM D 217	dmm	280
Base oil type	-	-	mineral
Base Oil Viscosity at 40°C	ASTM D 7042	mm ² /s	160
Dropping point	ASTM D 566	°C	185
Oil separation	ASTM D 1742	% (m/m)	<3
Water washout at 38°C	ASTM D 1264	% (m/m)	<4
Timken OK load	ASTM D 2509	lbs	50
Temperature range	-	°C	-20/+120

WARNINGS

- Further information are available on the Material Safety Data Sheet

