



APPLICATIONS

Eni Grease LP 1 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 1 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, loaded gears, joints, ropes and chains operating in a wide temperature range and in severe environmental conditions.

Very good pumpability, suitable in centralized lubrication systems.

CUSTOMER ADVANTAGES

- Long-lasting grease due to its formulation technology and its high resistance to oxidation.
- 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 1K -20
- DIN 51825 KP 1K -20
- ISO 12924 L-XBCHB 1
- ISO 6743/6 L-CKG 1





CHARACTERISTICS

| Properties | Method | Unit | Typical |
|---------------------------------|-------------|--------------------|-----------------|
| Appearance | - | - | smooth-textured |
| Colour | - | - | black-coloured |
| Thickener type | - | - | litio/calcio |
| Consistency (NLGI grade) | ASTM D 217 | - | 1 |
| Penetration at 60 double stroke | ASTM D 217 | dmm | 325 |
| Base oil type | - | - | minerale |
| Base Oil Viscosity at 40°C | ASTM D 7042 | mm ² /s | 160 |
| Dropping point | ASTM D 566 | °C | 175 |
| Oil separation | ASTM D 1742 | % (m/m) | <6 |
| Water washout at 38°C | ASTM D 1264 | % p | <6 |
| Timken OK load | ASTM D 2509 | lbs | 45 |
| Temperature range | - | °C | -20/+120 |

WARNINGS

- Further information are available on the Material Safety Data Sheet

