



APPLICATIONS

Eni Grease MU EP 1 is a yellow-brown high performance grease, lithium based, homogeneous smooth-textured in appearance.

The EP (Extreme Pressure) additive allows the formation of a lubricating film capable to resist to mechanical stresses and/or strong impulsive loads.

Eni Grease MU EP 1 is used in a wide range of applications such as: iron and steel industry, mining, construction, paper and glass industries.

Indicated for the lubrication of flat and rolling bearings, also loaded and/or operating at high temperature; Gears in crankcases and gearmotors, centralized lubrication systems for vehicles and agricultural machines and couplings where there particularly difficult starting lubrication conditions.

CUSTOMER ADVANTAGES

- High oxidation resistance
- High anti-rust protection
- Good metal surfaces adhesiveness
- Good vibrations resistance
- High dropping point allows its use in a wide temperature range
- Good water repellency characteristics, suitable in damp environments and in the presence of water

SPECIFICATIONS - APPROVALS

- ISO 12924 L-XBCHB 1
- ISO 6743/6 L-CKG 1
- DIN 51826 GP 1K -20
- DIN 51825 KP 1K -20





CHARACTERISTICS

Properties	Method	Unit	Typical
Appearance	-	-	omogeneous smooth-textured
Colour	-	-	brown yellow
Thickener type	-	-	litio
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	190
Copper corrosion	ASTM D 4048	-	1b
Oil separation	ASTM D 1742	% (m/m)	4
Temperature range	-	°C	-20/+120



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