



APPLICATIONS

Eni Grease SM 2 is an EP (extreme pressures) grease, smooth-textured and black in color, with mineral oil based and lithium.

The presence in the grease of extremely pure molybdenum disulphide assure long re-greasing intervals when this kind of operation is impossible or must be delayed.

Eni Grease SM 2 adheres firmly to metal surfaces, filling the micro cavities thanks to its excellent adhesion properties. The resistance to water washout and the anticorrosive properties make the greases suitable for application exposed to wet environment and in presence of water.

Particularly suitable for the lubrication of roller bearings and/or rolling bearings subjected to extreme mechanical and/or thermal stress such even in presence of vibrations. It can be used on worksites as a universal grease suitable for both heavy machinery and for inaccessible parts when the plant is in operation and can be lubricated only at the beginning of every work turn.

CUSTOMER ADVANTAGES

- Allows long relubrication intervals
- Excellent adhesion and high resistance to waterwashout
- Excellent anti-corrosive properties

SPECIFICATIONS - APPROVALS

- DIN 51825 KPF 2K -20
- ISO 6743/6 L-CKG 2
- ISO 12924 L-XBCHB 2
- DIN 51826 OGPf 2K -20





CHARACTERISTICS

Properties	Method	Unit	Typical
Appearance	-	-	pomatoso
Colour	-	-	nero
Thickener type	-	-	litio
Consistency (NLGI grade)	ASTM D 217	-	2
Penetration at 60 double stroke	ASTM D 217	dmm	280
Solid lubricant	-	-	bisolfuro di molibdeno
Base oil type	-	-	minerale
Base Oil Viscosity at 40°C	ASTM D 7042	mm ² /s	160
Dropping point	ASTM D 566	°C	200
Oil separation	ASTM D 1742	% (m/m)	4
EMCOR test in distilled water	IP 220	min/max	0/0
Water washout at 38°C	ASTM D 1264	% p	1
Copper corrosion	ASTM D 4048	-	1b
Timken OK load	ASTM D 2509	lbs	45
4 Balls wear	ASTM D 2266	mm	0.4
4 Balls weld load	ASTM D 2596	daN	280
Temperature range	-	°C	-25/+130

WARNINGS

- It is not recommended to mix eni Grease SM 2 with greases of different types to avoid incompatibility issues.

