



## APPLICATIONS

**Eni Grease SM 2** is a smooth-textured, black, EP grease, formulated with mineral base oil and lithium as a thickener.

The presence of extremely pure molybdenum disulphide assure long re-greasing intervals when this operation is difficult to carry out or it 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 property make the greases suitable for application exposed to wet environment and in presence of water.

Particularly suitable for the lubrication of roller bearings subjected to extreme mechanical and 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 points that can be lubricated only at the beginning of every workshif, when the system is in motion.

## CUSTOMER ADVANTAGES

- Allows long relubrication intervals
- Excellent adhesion and high resistance to water washout
- 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	-	-	smoothy
Colour	-	-	black
Thickener type	-	-	lithium
Consistency (NLGI grade)	ASTM D 217	-	2
Penetration at 60 double stroke	ASTM D 217	dmm	280
Solid lubricant	-	-	molybdenum disulfide 3%
Base oil type	-	-	mineral
Base Oil Viscosity at 40°C	ASTM D 7042	mm <sup>2</sup> /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.

