



APPLICATIONS

Eni Grease MSX 2/460 is a lithium complex grease, formulated with a synthetic base oil (PAO), with EP additive and solid lubricant.

Especially developed for the lubrication of bearings, gears and components operating in a wide range of temperature, high loads, in presence of shocks and vibrations and in wet environments.

Eni Grease MSX 2/460 meets the most severe lubrication requirements of the steel, cement plants, paper and glass industries.

In automotive field it is suitable to lubricate the equipment of cars, trucks, agricultural machinery and excavators.

CUSTOMER ADVANTAGES

- Outstanding performance at very high and at very low temperature
- Excellent resistance to loads, shocks and vibrations, suitable for applications exposed to high mechanical stress and sliding couplings
- High oxidation stability to permit an extension of the relubrication intervals
- Outstanding adhesiveness and resistance to water washout suitable for applications exposed to wet environment and in presence of water
- Very good antirust and anticorrosion properties ensure a high protection of the lubricated components and of the machinery

SPECIFICATIONS - APPROVALS

- ISO 12924 L-XDFHB 2
- DIN 51825 KPFHC 2R -40





CHARACTERISTICS

Properties	Method	Unit	Typical
Appearance	-	-	homogeneous smooth-textured
Colour	-	-	gray/black
Thickener type	-	-	litio complesso
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	-	-	sintetico
Base Oil Viscosity at 40°C	ASTM D 7042	mm ² /s	460
Dropping point	ASTM D 566	°C	290
EMCOR test in distilled water	IP 220	-	0/0
EMCOR test in sea water	IP 220	-	0/0
Corrosion	ASTM D 1743	-	supera
Copper corrosion	ASTM D 4048	-	1a
Timken OK load	ASTM D 2509	lbs	>45
4 Balls weld load	ASTM D 2596	kg	500
Temperature range	-	°C	-40/+180

WARNINGS

- The Eni technical assistance is available for guidance on the greases compatibility

