



eni Grease MSX 2/460

eni Grease MSX 2/460 is an EP (Extreme Pressure) lithium complex grease, formulated with ISO VG 460 synthetic base oil (PAO). The presence of a high percentage of solid lubricant (molybdenum disulphide) improves the EP properties of the additives.

CHARACTERISTICS (TYPICAL VALUES)

CHARACTERISTICS	Method ASTM	Unit	
NLGI Consistency		2	
Appearance			Homogeneous, smooth-textured
Colour			Gray/black
Worked penetration @ 25°C	D 217	1/10 mm	280
Dropping point	D 566	°C	290
Anti-corrosive protection	D 1743		pass
4 Ball Weld, Load	D 2596	kg	600
Timken OK, Load	D 2509	lb	50
Molybdenum disulphide		% wt	5
Base oil viscosity @ 40°C	D 445	mm ² /s	460

Property	Advantages and performance
Outstanding performance at high temperature.	The very high dropping point and the outstanding cold behaviour provide an excellent performance at high and low temperature.
Excellent load resistance.	The EP properties improved by a high percentage of solid lubricant (molybdenum disulphide) make the greases suitable for applications exposed to elevated mechanical stress (high loads and sliding couplings) without failure of the lubricant film.
High oxidation stability.	The high oxidation resistance prolongs the service life extending the relubrication intervals even when exposed to high mechanical and thermal stress.
Excellent adhesiveness and resistance to water washout.	The excellent adhesiveness and resistance to water washout make the greases suitable for application exposed to wet environment and in presence of water.
Protection against rust and corrosion.	The antirust and anticorrosion properties protect the lubricated component and the machinery.



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APPLICATIONS

eni Grease MSX 2/460 is especially developed for the lubrication of bearings, gears and components operating at slow speed, high loads, high temperatures and in wet environments.

eni Grease MSX 2/460 meets the most severe lubrication industry requirements such as steel, cement plants, paper and glass. Recommended for applications subjected to impacts and vibrations, in automotive, for agricultural machinery, excavators and TBM (Tunnel Boring Machine) machine.

- Recommended operating temperature range: -40°C/+190°C.

SPECIFICATIONS AND APPROVALS

eni Grease MSX 2/460 meets the requirements of the following specifications/classifications:

eni Grease MSX 2/460	
DIN 51825	KPFHC 2R -40
ISO 12924	L-XDFHB 2

NOTICE

It is not recommended to mix with greases of different types (thickener) to avoid incompatibility issues.

eni Technical Support is available for guidance on the greases compatibility.