

ROTHEN MOLYDEN SPECIAL 2 Lithium based grease with molybdenum disulphide

DESCRIPTION

ROTHEN MOLYDEN SPECIAL 2 is a lithium soap and mineral oil lubricant-based highly refined grease, with the addition of molybdenum disulfide in micro fine particle size and high purity. The formulation is also enriched with a balanced package of antioxidant and anti-rust additives. **ROTHEN MOLYDEN SPECIAL 2** has a strong mechanical resistance to high loads and vibration. The molybdenum disulfide will guarantee a considerable reduction of the coefficient of friction and wear, while ensuring the emergency lubrication in the presence of high temperature peaks.

APPLICATIONS

ROTHEN MOLYDEN SPECIAL 2 is used in the lubrication of bearings and constant velocity joints, especially in situations where it is necessary to extend the re-lubrication intervals, for example for inaccessible points. It is also indicated for the lubrication of joints, pins and joints and generally for all applications for which it is necessary to avoid "fretting corrosion".

TYPICAL CHEMICAL-PHYSICAL CHARACTERISTICS (*)

Color : Black
 Aspect : Smooth, omogenous
 Suggested temperature of use : MIN. = -20°C
 MAX. = +130°C (short +150°C)

CARACTERISTIC	UNIT OF MEASURE	METHOD	TYPICAL VALUES
NLGI classification	---	ASTM D 217	2
Pour point	°C	ASTM D 566	180
Manipulated penetration 60 c. at 25°C	1/10mm	ASTM D 217	280
Manipulated penetration 10.000 c. a 25°C	1/10mm	ASTM D 217	Δ +/-20
Anticorrosion test	---	ASTM D 1743	PASSA
Water resistance	---	DIN 51807	1-90
Timken test at 315 N	---	ASTM D 2509	O.K.
Wheel bearing test (6h - 100°C)	%	ASTM D 1263	< 6
Base oil viscosity at 40°C (ISO)	cSt	ASTM D 445	100

(*): Values are based on current production estimates, and may be subjected to variations.

