

IRIX LSM 112 MO**MoS2 Extreme Pressure Grease****GREASE SOAP MINERAL BASE****DESCRIPTION**

IRIX LSM 112 MO is a lithium thickened lubricating grease based on mineral oil. The grease contains antioxidants, corrosion inhibitors, EP/AW additives and 3 % MoS2.

BENEFITS

- Good mechanical stability
- High load carrying capacity
- Good corrosion protection

PERFORMANCE DESCRIPTION

IRIX LSM 112 MO is a high quality multipurpose MoS2 grease that can be used in both industrial and automotive applications. The molybdenum disulphide gives extra protection in applications with slow moving or oscillating bearings. Lubricating greases with solids are not suitable for rolling bearings at high speed.

TECHNICAL INFORMATION

NAME	METHOD	IRIX LSM 112 MO
Color	Visual	Black
Density at 20°C (68°F)	IPPM-CS/03	0.97 kg/L
Viscosity at 40°C (104°F)	ISO 12058	110.0 mm²/s
Viscosity at 100°C (212°F)	ISO 12058	12.0 mm²/s
NLGI Grade	ASTM D217	2
4 Ball test	DIN 51350:5	0.5 mm Wear scar
4 Ball test	DIN 51350:4	3600 N Welding
Penetration 60 strokes	ISO 2137	260/295 1/10 mm at 25 °C
Drop point	IP 396	190 °C
Temperature range		-30 °C to +120 °C peaks of 130 °C
Oil Separation	IP 121	5.0 % 168 h/ 100 °C
Metallic Additives		MoS2
Thickener		Lithium Simple
Water resistance	DIN 51807 T1	0-90
Copper Stripe Corrosion	ASTM D4048	1B 24 h/ 100 °C
Oxidation stability	ASTM D942	20 kPa 24 h/ 100 °C

SERVICES AND EQUIPMENT

In addition to its product ranges, MotulTech can provide tools and services for the maintenance and monitoring of your lubricants. Please contact your technical sales representative for more information.

RECOMMENDATIONS

All information and rules about health, safety and the environment are mentioned on the safety data sheet. It provides information about risks, safety procedures and first aid emergency rules. It clarifies all procedures to implement in the case of an accidental spillage, and for the disposal of the product and its effects on the environment.

Our product contains natural additives which are likely to modify the colour of the concentrates without altering its performance. The specifications of our products are definite only at the time of order, and are subject to our general sale and guarantee conditions. To give our customers the latest technical developments, the general characteristics of our products may vary. The safety data sheet of this product is available at www.motul.com