

IRIX LSM

Lubrication

DESCRIPTION

IRIX LSM is a multi-purpose, extreme-pressure range of greases formulated from premium mineral base oils and a Lithium thickener.

ADVANTAGES

- Excellent protection against corrosion
- Excellent extreme-pressure performance
- Excellent wear protection
- Very good adhesion
- Very good stability in service and storage
- Insoluble in water

TECHNICAL CHARACTERISTICS

Typical Physical Characteristics	Methods	Units	IRIX LSM				
			1500	150	151	152	153
Soap nature			Lithium simple				
Colour	Visual		Amber				
NLGI Consistency			00	0	1	2	3
Base oil viscosity at 40°C	NF T 60 100	cSt	52	65	130	130	130
Penetration at 25°C worked 60 strokes	ISO 2137	1/10 mm	415	370	325	280	235
Dropping point		°C	170	170	180	190	190
Four ball test wearing	ISO 20623	mm	< 0.6				
Four ball test welding	ASTM D 2596	kg	285				
Bleeding		%	--	--	--	< 4	< 4
Water spray off		%				> 60	
Water wash out		%				< 3	
Temperature range		°C	-30 to +130		-20 to +140		
Timken Load		lbs			≥ 40	≥ 45	≥ 45

FIELDS OF USE

IRIX LSM grease can be used to lubricate bearings, gears and all mechanical units operating under high loads.

- **Grades 0-00:** Reducers, centralised greasing, gears in crankcases, various parts working in a cold atmosphere, all soft EP grease uses.
- **Grade 1:** Centralised greasing.
- **Grade 2:** Suitable for a wide range of general-purpose lubrication applications ranging from bearings to cables, chains and other linkages. Also suitable as a multipurpose chassis, pin and bushing grease.
- **Grade 3:** Truck hubs, very loaded sleeves.

CLASSIFICATIONS

Norms	IRIX LSM				
	1500	150	151	152	153
ISO 12924	L-XCCIB00	L-XCCIB0	L-XBCIB1	L-XBCIB2	L-XBCIB3
DIN 51502	KP00K-30	KP0K-30	KP1K-20	KP2K-20	KP3K-20

SERVICE AND EQUIPMENT

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

IMPORTANT NOTICE

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