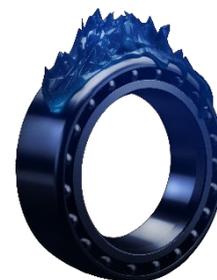


TECHNICAL PRODUCT SHEET

INNOVA™ COMPLEX/MLB NLGI 1, 2



DESCRIPTION

INNOVA™ COMPLEX/MLB is a lithium complex thickened lubricating grease based on a balanced mixture of mineral oils and molybdenum disulphide (MoS₂), that exhibits extreme pressure properties and forms a permanent lubricating film on metals. It performs excellently in a wide temperature range in wet and dusty operating environments. It is often used for the lubrication of inaccessible parts and where EP properties are required.

APPLICATIONS

INNOVA™ COMPLEX/MLB is suitable for the lubrication of wheel bearings, steering system bearings and all chassis points, including ball joints and universal joints of both on-/off-highway equipment (i.e., trucks, tractors, construction, mining and agricultural equipment). It can also be used in most heavy-duty industrial and marine applications subjected to hostile working environment and elevated operating temperatures.

SPECIFICATIONS

NLGI 2 DIN51825 KPF2N-20 ISO 6743/9 L-X-BDHB2

PROPERTIES

Enhanced with molybdenum disulphide, INNOVA™ COMPLEX/MLB provides efficient lubrication under boundary friction conditions. It offers outstanding film strength and adhesive properties, good water resistance, and remains stable and consistent even under adverse service conditions, ensuring reliable performance in demanding applications.

BENEFITS

INNOVA™ COMPLEX/MLB provides highly effective anti-wear and extreme pressure protection, reducing maintenance costs and ensuring reliability under high, shock, and oscillating loads. It offers long-lasting resistance to rust and corrosion and supports extended service intervals even at elevated temperatures, delivering durability and efficiency in demanding applications.



TECHNICAL PRODUCT SHEET

PHYSICAL-CHEMICAL CHARACTERISTICS

INNOVA™ COMPLEX/MLB	METHOD	
NLGI Grade		2
Color/Appearance	Visual	Black
Texture	Visual	Smooth
Thickener type		Lithium complex
Base Oil		Blend of mineral oils
Base oil viscosity @40°C, mm ² /s	ASTM D445	460
Dropping point, °C	ASTM D2265	260
Worked penetration, 10 ⁻¹ mm @25 °C		
- 60 strokes	ASTM D 217	265-295
EP properties weld point, kgf	ASTM D 2596	315
Wear preventive characteristics		
- Scar diameter, mm	ASTM D 2266	0.50
Copper strip corrosion	ASTM D 4048	1b
Operating temperatures, °C		-20/+140

The above mentioned characteristics represent mean values.

STORAGE

All packages must be stored in covered, well-ventilated areas. If outdoor storage cannot be avoided, barrels must be placed horizontally to prevent water ingress and to protect labels and markings from damage. Products must not be stored at temperatures above 60 °C and must not be exposed to direct sunlight, freezing conditions, or extreme temperature fluctuations.



HEALTH & SAFETY

This product is not considered to pose significant risks to health or safety when used as intended and in accordance with recommended personal hygiene practices. It must not be applied for purposes other than those for which it has been formulated. For detailed guidance on safe handling and use, refer to the Safety Data Sheet (SDS).



USED OILS

Used lubricants must be collected at designated collection points to prevent environmental contamination. They must not be mixed with solvents, brake fluids, or antifreeze.

