GREASE
INNOVA COMPLEX MLB

DESCRIPTION

INNOVA COMPLEX MLB is a lithium complex thickened lubricating grease based on a balanced mixture of mineral oils and molybdenum disulphide (MoS_2) that exhibits extreme pressure properties and forms a permanent lubricating film on metals. It performs very highly 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, cconstruction, 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.

CHARACTERISTICS-BENEFITS

CHARACTERISTICS	BENEFITS
Efficient lubrication to boundary friction conditions due to the enhancement with molybdenum disulphide.	Very effective anti-wear and extreme pressure protection contribute to reduced maintenance cost.
Outstanding film strength and adhesive properties.	Protection against high and/or shock, oscillating loads.
Good water resistance.	Long lasting resistance against rust and corrosion.
Stable and consistent under adverse service conditions.	Long service intervals at elevated temperatures.

PHYSICAL-CHEMICAL CHARACTERISTICS

CYCLON INNOVA COMPLEX MLB	METHOD	
NLGI		2
Color/Appearance	Visual	Black
Texture	Visual	Smooth
Thickener type		Lithium complex
Base Oil		Blend of mineral oils
Base oil viscosity @40ºC, mm^2/s	ASTM D445	460
Dropping point, ºC	ASTM D2265	260
Worked penetration, mm/10 @25ºC 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	0.5
Copper strip corrosion	ASTM D 4048	1b
Operating temperatures, ºC		-20/+140

The abovementioned characteristics represent mean values.

SPECIFICATIONS

DIN 51825 KPF2N-20; ISO 6743/9 L-X-BDHB2