

GREASE LITHOPLEX HD-2

DESCRIPTION

Lithoplex HD-2 is a lithium-calcium grease based on mineral oils. The product contains anti-wear additives, anti-oxidants and corrosion inhibitors. It also contains a small amount of polymer to enhance adhesion.

The thickener, together with the high viscous base oil, makes the product suitable for the lubrication of slow moving and heavily loaded bearings. The extra rust protection also makes the grease suitable for wet and corrosive environments.

Lithoplex HD-2 is suitable for heavily loaded industrial applications where water wash is problematic. The product is also suitable for heavy-duty vehicles working outdoors in wet and dirty conditions.

BENEFITS

- Excellent rust protection
- Outstanding load carrying capacity
- Endures high shock loads
- Good oxidation stability
- Superior mechanical stability
- Excellent water resistance

Thickener		Lithium-Calcium
Base oil		Mineral oil
Colour	Visual	Light brown
Consistency	ASTM D217	NLGI 2
Drop point	Mettler	>180°C
Base oil viscosity at 40°C 100°C	ISO 3104	900 mm ² /s 48 mm ² /s
4-ball weld load	DIN 51350	7000 N
Temperature range	continuous operation short period	-20°C to +130°C Max. +140°C
Mechanical stability		
Penetration 60 strokes	ISO 2137	265 - 295 mm/10
Penetration 100.000 strokes	ISO 2137	+35 units
Wear protection		
4-ball wear scar 400N/1h	DIN 51350	<1 mm
Corrosion protection		
SKF Emscor distilled water	ISO 11007	0-0
SKF Emscor salt water	ISO 11007	0-0
Copper corrosion 24h/100°C	DIN 51811	1
Water stability		
Water resistance	DIN 51807-1	1-90
Water washout 1h/80°C	ISO 11009	4%
Thermal Stability		
Oil separation 40°C/168h	IP 121	3%
Others		
Approx. density at 25°C	PPM-CS/03	0.93

VesCoLub BV - info@vescolub.com - www.vescolub.com

