

Product Data Sheet

IPOL MP 2 Grease

High performance multipurpose lithium based grease

Description

IPOL MP2 Grease is a premium quality multifunctional grease, especially formulated for use in a wide range of heavy duty on road trucking & automotive applications.

This grease is fortified with friction modifiers, rust & corrosion inhibitors & high viscosity index superior base stocks to provide structural stability, resistance to water wash out & effective protection from wear & corrosion.

This grease is used in wheel bearings, water pump & also for chassis to withstand shock loads, seal the parts from ingress of dust and remain in place without leaking.

Performance Claims:

IPOL MP2 Grease is formulated to meet IS: 12203 standards.

Salient feature & Benefits

- Improved mechanical stability & resistance to softening ensures long lubricant life & prevent leak out of the bearings.
- Good corrosion protection & resistance to water washout resulting in improved component protection & equipment life.
- Good low temperature fluidity/ pumpability even in the cold weather.
- High drop point ensures extended operating range of up to 120 °C.
- Do not harden during their service life.

Application

- IPOL MP2 Grease is recommended for use in all kinds of bearings & wheel hubs...etc
- General lubrication of axles, ball joints, universal joints, kingpins, bushings & disc brakes.

Characteristics

Properties	Test Methods	Typical Test Results
Appearance	Visual	Smooth Grease
Color	Visual	Yellow - Brown
Base	In house	Lithium
Worked Penetration 60X	ASTM D 217	285
Drop Point (°C)	ASTM D 566	190
Penetration change after 1 Lakh strokes	ASTM D 217	20 Units
Copper Strip Corrosion Test at 100°C / 24 Hrs	ASTM D 4048	Negative
Roll Stability at 50°C / 16 hrs Penetration change in (%)	ASTM D 1831	12.20%
Wheel Bearing Leakage at 105°C / 6 hrs (gms)	ASTM D 1263	2.5 gm
Wear Scar (mm)	ASTM D 2266	0.58 mm
Water Washout Test (%)	ASTM D 1264	3.2
Base oil viscosity at 40°C (cSt)	ASTM D 445	150

Storage & handling:

- Indoor storage is recommended.
- Barrels should always be kept in vertical position & away from heated area
- Lid should not be left open, during handling any contact with dust must be avoided.

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