

Product Data Sheet

SERVO GREASEMP and MP3

Premium Multi-purpose Greases for Automotive Applications



Description

Servogrease MP series are premium quality lithium soap, multi-purpose automotive greases, with high dropping point, good thermal and structural stability and also having resistance against water wash out. With smooth structure and high degree of resistance against oxidation and rusting/corrosion. These are ideal products for all grease lubricated parts of automotive equipments.

Performance, Features and Benefits

- Provides excellent resistance to structural and consistency changes, over wide range of temperatures but remains in place despite severe working
- Greases have excellent low and high temperature properties. Greases can be dispensed at low temperatures and will maintain adequate stay-put property at the higher temperatures encountered in service
- Resists effectively, water wash out in use, assuring adequate lubrication over extended service periods
- Provides resistance to oxidation, rust and corrosion.

Application

Servogrease MP series is recommended for water pump, wheel bearings, chassis fittings and universal joints, including those of constant velocity type, for mobile equipment e.g., automotive, off-highway equipment such as tractors, construction equipment etc.

Approvals / Performance Standards / Recommendations

Servogrease MP 3 meets IS:12203:1999 (Reaffirmed 2014)

Typical Physical Characteristics

Characteristics	Method	Servogrease MP	Servogrease MP 3
Appearance	Visual	Homogeneous	Homogeneous
Colour	Visual	Brown	Brown
Structure	Visual	Smooth	Smooth
Thickener Type		Lithium	Lithium
NLGI Grade	ASTM D217	2	3
Worked Penetration (60 Strokes)	ASTM D217	272	230
Dropping Point, °C	ASTM D566	203	190
Water Washout, %wt	ASTM D1264	3.5	4.5
Base Oil Kinematic viscosity @ 100°C, cSt	ASTM D445	15.1	15.5
Base Oil type		Mineral	Mineral
4-Ball Wear, Scar, mm	ASTM D2266	0.55	0.55
Copper Corrosion, Rating	ASTM D4048	1a	1a
Heat Stability, % wt.	ASTM D16184	3.6	3.0

Health, Safety & Environment

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or at <https://cx.indianoil.in/>. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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