

Product Data Sheet

Multilith Amber MP 1 Grease

Multipurpose Lithium EP Grease NLGI 1

Description

Multilith Amber MP 1 Grease is a high quality general purpose industrial lithium soap grease. It is amber in colour and has been formulated to provide extra protection against wear, rusting and water washout.

Multilith Amber MP 1 Grease is blended using premium selected base stocks, extreme pressure agents, oxidation, corrosion and wear inhibitors, and provides excellent water resistance, and wear protection.

Multilith Amber MP 1 Grease provides excellent oxidation and thermal stability to enhance grease life.

It provides excellent protection against rust and corrosion and resists water washout making it particularly suitable for extending bearing life in wet environments.

Applications

Multilith Amber MP 1 Grease is recommended for a wide variety of automotive and industrial greasing applications across many industries where a grease of NLGI 1 consistency is required.

It is suitable for plain bearings, rolling element bearings, gears and couplings and chassis grease point lubrication where an NLGI 1 grease is required.

It can also be used in centralised and automated lubrication systems found in many industries including off-road construction, mining and quarry operations, road construction, agriculture and farming equipment, on-highway truck and trailer lubrication applications, and many automated truck greasing systems.

Package Sizes

Item Code	Pack Size
MG0410101-0180	180 kg drum
MG0410101-0020	20kg pail

NOTE: Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

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Key Benefits

- Excellent oxidation and thermal stability
- Excellent extreme pressure and load carrying performance and resistance to wear
- Good mechanical and shear stability
- Excellent rust and corrosion resistance and resistance to water washout.
- Good low temperature pumpability and performance in centralised systems

Typical Test Data

Property	Method	Typical
NLGI Grade		1
Thickener Type		Lithium 12-hydroxystearate soap
Colour, Visual		Amber – Smooth
Corrosion, Cu strip, 24hr @100°C	ASTM D130	1b
Penetration, Worked, 25° C,	ASTM D217	324
Dropping Point, °C,	ASTM D2265	193
Base Oil Viscosity, cSt @ 40° C	ASTM D445	195.6
4-Ball Wear Test, scar, mm	ASTM D2266	0.42
4-Ball EP Weld Point, kgf	ASTM D2596	250
Timken OK Load, kg	ASTM D2509	24
Usable temperature range in continuous service		-30 to 130°C
Maximum temperature for short term exposure		170°C

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Storage and Handling

Wherever possible store this product under cover to avoid any ingress of water. Do not store near hot work areas or where temperatures can reach above 60° C.

Health, Safety and 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 Safety Data Sheet (SDS) are followed. This product should not be used for purposes other than its intended use.

Consult the Safety Data Sheet available by contacting The Millstream Group Pty Ltd office for further information.

Contact



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