

# Product Data Sheet

## Millplex Blue EP 2 Grease

### Blue Tacky Lithium Complex EP Grease NLGI 2

#### Description

MILLPLEX BLUE EP 2 GREASE is a premium high-technology grease. It is blue in colour, and is a multi-purpose, tacky, extreme pressure, lithium complex grease.

MILLPLEX BLUE EP 2 GREASE is blended using premium selected base stocks, extreme pressure agents, oxidation, corrosion and wear inhibitors, a highly effective tackiness agent, and provides exceptional wear protection under shock and high load conditions.

MILLPLEX BLUE EP 2 GREASE offers excellent shear stability, pumpability, water washout resistance, thermal stability, and provides for extended lubrication intervals.

The lithium complex thickener in MILLPLEX BLUE EP 2 GREASE elevates the dropping point of the grease making it an excellent choice for use in applications where sustained high operating temperatures are common.

#### Applications

MILLPLEX BLUE EP 2 GREASE is recommended for a wide variety of greasing applications across many industries including automotive wheel bearing & chassis lubrication, boat trailer wheel bearings, marine winches, cables, and outboard engine fittings, off-road construction, mining and quarry operations, road construction, agriculture and farming equipment, and many on-highway truck and trailer lubrication applications.

MILLPLEX BLUE EP 2 GREASE can be used in applications where high thermal and oxidation stability and strong resistance to water washout are a requirement.

MILLPLEX BLUE EP 2 GREASE is an excellent choice where rationalisation of grease types is being considered.

#### Package Sizes

Item Code	Pack Size
MG0411201-0180	180 kg drum
MG0411201-0020	20kg pail
MG0411201-0450	450g cartridge (12 x 450g/ctn)

**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 high temperature performance
- Superior water resistance
- Superior rust and corrosion resistance
- Excellent oxidation and thermal stability
- Good mechanical and shear stability
- Excellent extreme pressure and load carrying performance and resistance to wear
- Good low temperature pumpability and performance

## Typical Test Data

Property	Method	Typical
NLGI Grade		2
Thickener Type		Lithium Complex
Colour, Visual		Blue – Smooth, tacky
Corrosion, Cu strip, 24hr @100°C	ASTM D130	1b
Penetration, Worked, 25° C,	ASTM D217	278
Dropping Point, °C,	ASTM D2265	270
Base Oil Viscosity, cSt @ 40° C	ASTM D445	190.4
4-Ball Wear Test, scar, mm	ASTM D2266	0.39
4-Ball EP Weld Point, kgf	ASTM D2596	315
Timken OK Load, kg	ASTM D2509	24
Oil Separation, 24 hr @25°C, m%	ASTM D1742	1.8
Wheel Bearing Leakage, m%	ASTM D1263	1.0
Water Resistance @ 90°C, %	DIN 51807	1.5
Water Washout, 80°C, % loss	ASTM D1264	2.6
Usable temperature range in continuous service		-25 to 180°C
Maximum temperature for short term exposure		240°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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