

Product Data Sheet

Millplex Truck & Farm Grease

Lithium Complex Semi-Synthetic Heavy-Duty EP Grease NLGI 2

Description

MILLPLEX TRUCK & FARM GREASE is a specially developed premium grease manufactured with a combination of premium mineral and high viscosity synthetic base oils. It is red in colour, and is a highly tacky, extreme pressure, heavy duty lithium complex grease.

MILLPLEX TRUCK & FARM GREASE has been specifically formulated with a higher base oil viscosity (1700cSt) to cater for those applications that will benefit from a higher viscosity base oil such as heavy shock loading, or lubrication of older equipment where lighter viscosity base oil greases may be squeezed from pins and bushes.

MILLPLEX TRUCK & FARM GREASE is blended using premium base stocks, a highly effective and shear stable synthetic tackiness agent, extreme pressure additives, and oxidation, corrosion and wear inhibitors, which allows the grease to provide exceptional load carrying performance and protection against wear under extreme shock and high load conditions.

MILLPLEX TRUCK & FARM GREASE offers superior water washout resistance and excellent adhesive properties and is the ideal grease to use in mining & quarrying, agricultural, heavy transport, and off-road construction equipment lubrication applications where continual exposure to water, mud, and grit is common, and a 'stay in place' grease is required.

Applications

MILLPLEX TRUCK & FARM GREASE is recommended for a wide variety of greasing applications across many industries, including heavy transport, agriculture and farming, off-road construction, mining and quarry operations, dredging equipment, logging and forestry, marine deck equipment, and many other general industrial greasing applications.

MILLPLEX TRUCK & FARM GREASE can be used in slow speed bearings, bushes, pins, gears, couplings, turntables, hammers, trailer bearings, shackles and a majority of chassis lubrication applications where strong resistance to water washout is needed, and where the grease needs to seal and protect pins and bushes from water and abrasive dirt ingress.

It is highly suited to very demanding applications where high temperatures, high and shock loads, and dusty and wet environments are commonplace.

MILLPLEX TRUCK & FARM GREASE is **not intended** for use in high-speed bearing applications such as those found in electric motors due to the greases' high base oil viscosity formulation.

Package Sizes

Item Code	Pack Size
MG0411204(H)-0180	180 kg drum
MG0411204(H)-0020	20kg pail
MG0411204(H)-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.

Product Data Sheet

Typical Test Data

Property	Method	Typical
NLGI Grade		2
Thickener Type		Lithium Complex
Colour, Visual		Red - Smooth, tacky
Corrosion, Cu strip, 24hr @100°C	ASTM D130	1b
Penetration, Worked, 25° C,	ASTM D217	288
Dropping Point, °C,	ASTM D2265	268
Base Oil Viscosity, cSt @ 40° C	ASTM D445	1701*
4-Ball Wear Test, scar, mm	ASTM D2266	0.37
4-Ball EP Weld Point, kgf	ASTM D2596	500
Timken OK Load, kg	ASTM D2509	32
Oil Separation, 24 hr @25°C, m%	ASTM D1742	1.0
Wheel Bearing Leakage, m%	ASTM D1263	1.0
Water Washout, 80°C, % loss	ASTM D1264	2.0
Roll Stability, (tenth mm)	ASTM D1831	4.5
Usable temperature range in continuous service		-25 to 180°C
Maximum temperature for short term exposure		235°C

* Note: also available in 680cSt base oil viscosity.

Key Benefits

- Excellent tackiness & adhesion to maintain sealing in bushes and prevent ingress of abrasive dirt.
- Strong leakage resistance and 'stay in place' properties.
- High viscosity synthetic base oils additionally provide for excellent film strength, and high load carrying characteristics.
- Excellent resistance to water washout.
- Highly effective rust and corrosion resistance
- Superior oxidation and thermal stability.
- Excellent mechanical and shear stability.
- Excellent extreme pressure and load carrying performance and resistance to wear.
- Good low temperature pumpability and performance.

Product Data Sheet

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

The Millstream Group Pty Ltd

		
HEAD OFFICE: 89 Bullock Dray Drive Mt Crosby QLD 4306 Australia	B: +61 447 310 335	E: enquiries@millstreamgroup.com.au www.millstreamgroup.com.au
Version: 2 Date: 02/04/2024		

