

MULTI LICAM 1000

High Performance High Viscosity Heavy-Duty Grease

MULTI LICAM 1000 is manufactured using highly refined mineral base oils which are carefully selected and then fortified with synthetic polymers, producing a highly shear stable foundation for the grease. This base oil foundation allows the product to perform in applications where severe extreme loads are typical.

MULTI LICAM 1000 is formulated with a lithium calcium thickener resulting in a buttery appearance with excellent shear stability characteristics. In addition, this type of thickener is easily pumped, has a moderate resistance to heat and exhibits excellent water resistance. The optimal operating conditions for this grease in terms of temperature is from -30 to 130 degrees Celsius, however short periods of elevated temperatures can be tolerated without severe damage to the product.

MULTI LICAM 1000 is manufactured to a NLGI 1 grade resulting in a grease of soft consistency which is suitable for centralized lubrication systems. The product contains a blend of synthetic tackifiers, increasing its water resistance and adherence to all surfaces.

MULTI LICAM 1000 contains two or more extreme pressure (EP) and corrosion preventative additives, enabling the grease to meet or exceed internationally recognized performance standards. In addition, this product is fortified with both molybdenum disulfide and graphite, making it suitable for boundary lubrication at high temperatures and/or heavy loads. In the case of accidental overheating, the presence of these materials will still guarantee good lubrication and avoid any jamming or sticking.

Benefits

- Outstanding load-carrying, anti-wear and tackiness properties
- Excellent water resistance
- Very good thermal stability
- Excellent resistance to heat
- High mechanical stability

Applications

- Heavily loaded pin and bush bearings
- Mining equipment such as haul truck, shovels, excavators, loaders, bulldozers, scrapers and graders Backhoes and shovels
- Heavy-duty transport and industrial applications with severe operating conditions
- Lubrication of 5th wheels, king pins, tractor-trailer turnables, shackle pins, etc...

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Specifications

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Typical properties

Colour	Visual	Grey
NLGI Grade	ASTM D 217	1
Thickener type		Lithium Calcium
Viscosity @ 40°C, cSt	ASTM D 445	1000
4 Ball, Weld, kgf	ASTM D 2596	> 800
Dropping point, °C	ASTM D 2265	190
Timken OK load, lb	ASTM D 2509	65
Copper prevention	ASTM D 1743	Pass
Penetration, 0.1mm	ASTM D 217	325

ASTM D-5864 / CEC L-33-T-82

KPF1M-30 (DIN 51825)

ISO-L-X-CCIB1 (ISO 6743-9)

Above characteristics are mean values given as information. They do not constitute a specification.

Health and safety

This lubricant is unlikely to produce any significant health or safety hazard when used in the application it has been designed for and according to the recommendations provided in the Material Safety Data Sheet. MSDS are available upon request through your sales advisor.

When disposing of used oil, please observe all current regulations and protect the environment.