



Product Specification Report

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PROLUBE BLUE EP is blue-coloured semi-synthetic fibrous lubricating grease with a smooth appearance and with extraordinary adhesiveness. It contains Extreme Pressure (EP) additives, additives against wear and corrosion.

PROLUBE BLUE EP

Semi-synthetic lubricant grease

PROPERTIES:

High resistance to flushing	The semi-synthetic composition gives it excellent adhesion even in extreme flushing conditions
Water-repellent	Extraordinarily strong water repellency which, coupled with excellent adhesion, prevents release of mechanical dirt from lubricated machine parts and components, even in environments with a presence of a substantial volume of water
EP additives	Higher content of EP additives makes it possible to use the product in difficult mechanical conditions
Broad temperature range	Effective from -20°C to 160°C

AREA OF APPLICATION:

Lubrication of gutters, cogs, articulated joints, cables of machines used in the mining industry and all locations with a substantial presence of water and places with low temperatures. Ideal for lubrication of large size hydraulic demolition hammers; it is also used for tripod and constant velocity (homo kinetic) articulated joints of motor vehicles, and all places where it is necessary to use an extraordinarily adhesive and firm lubricant. Can also be used in marine transport for lubrication in difficult conditions.

ACTIVE INGREDIENTS:

- ✓ Semi-synthetic base
- ✓ Extreme pressure (EP) additives
- ✓ Additives against corrosion and wear

SAFETY WARNINGS:

Not for use on fast bearings. More detailed information is in the safety data sheet.

COMPATIBILITY:

All metal surfaces and all materials, which are non-sensitive to contact with semi-synthetic oils.



APPLICATION:

Apply to a clean surface using hand-held or pneumatic lubricating equipment or other suitable device of the ZEP series.

SPECIFICATIONS:

Chemical and physical properties	Method	Values
State		Solid, fibrous
Colour		Blue
Odour		Characteristic
Density at 20°C	ASTM D 1298	< 1 kg/dm ³
Solubility in water		Insoluble
Dropping point	ASTM D 566	>220°C
Viscosity of base oil at 40°C	ASTM D 445	>600 cSt at 40°C
Penetration in standard operating conditions (60 double impacts mm/10)	ASTM D 217	265 - 295
NLGI		2
Emcor test		0/0
Water wash out	ASTM D 1264	<3%
4-ball EP test Welding load	ASTM D 2596	> 350 daN
Operating temperature		-20°C÷160°C,
Rotation coefficient		200,000

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