



Product Specification Report

Rev. May 14

PROLUBE HS is fully synthetic lubricating grease on complex soap base. Due to its excellent mechanical resistance, it is ideal for usage on bearings with a high rotation coefficient.

PROLUBE HS

Synthetic lubricating grease for bearings

PROPERTIES:

Excellent lubricating properties	Due to the synthetic base, it is particularly suitable for lubrication in extreme conditions, e.g. at high temperatures and high rpm
Resistant to wash out	Due to its high adhesion, it also acts during wetting and when exposed to water
High compatibility	Also compatible with plastics and elastomers
Protective effects	Provides good protection to metals against oxidation

AREA OF APPLICATION:

PROLUBE HS is ideal for lubrication of bearings in machines used in the ceramic industry, in the metallurgical industry, paper industry, glass industry and where it is necessary to lubricate elements and gears that operate in a broad temperature range (from -60°C to +120°C) and at a high rotation speed.

ACTIVE INGREDIENTS:

- ✓ Complex lithium soaps
- ✓ Synthetic oils (PAO class)
- ✓ Antioxidant additives

COMPATIBILITY:

All metal surfaces. Compatible also with plastics and elastomers. As for the latter, it is recommended to perform a test before a more extensive application.

SAFETY WARNINGS:

More detailed information is in the safety data sheet.

prolube
HS

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		Paste
Colour		White
Odour		Characteristic
Density at 20°C	ASTM D 1298	< 1 kg/dm ³
Solubility in water		Insoluble
Penetration in standard operating conditions (60 double impacts mm/10)	ASTM D 217	265 - 295
NLGI		2
Operating temperature		-60°C ÷ +120°C
Dropping point	ASTM D 566	>180°C
Emcor test	DIN 51802	0/1
Viscosity of base oil at 40°C		18 cst at 40°C
Rotation coefficient		1,000,000

All information in this document is based on our practical experience and/or laboratory tests. Due to the multiplicity of conditions for usage and variable human factors, we recommend that you always test our products for suitability prior to use. At any time, this version of the product specification report may have been revised based on legislation, availability of the individual ingredients or newly acquired information. The current approved version is available upon request.