



# Product Specification Report

3/98280001/0918

**Lubricating grease on hemispherical particles of micronized aluminium base. Resistant to extreme pressures and temperatures up to 500°C.**

## PROLUBE SILVER AL

Lubricating/antiseizure grease for extreme conditions

### FEATURES:

<b>Resistant to extreme temperatures</b>	Due to aluminium additive, it has excellent resistance and does not melt up to a temperature of about 500°C.
<b>Extreme pressure (EP) additive</b>	Due to a large number of extreme pressure (EP) additives, it is suitable for use in difficult mechanical conditions.
<b>High mechanical resistance</b>	It is resistant to extremely high working load. It is not removed by action of steam and condensation water.
<b>Permanent layers</b>	Leaves a homogeneous and compact layer/film even after long-term operation in extremely difficult conditions.

### APPLICATIONS:

Intended for lubrication of gears and components, e.g. chains used in high temperature furnaces, press cores, connecting rods/draw bars and rollers of steam generator valves. In case of use on bearings, consult your Zep technician.

### ACTIVE INGREDIENTS:

- Hemispherical particles of micronised aluminium
- Refined mineral oils
- Extreme pressure (EP) additives
- Antioxidant and anti-corrosive additives

### COMPATIBILITY:

All metal surfaces and all materials, which are nonsensitive to contact with mineral oils.

### PRECAUTIONS FOR USE:

For more information, see SDS.

### INSTRUCTIONS FOR USE:

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

*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.*

### SPECIFICATIONS:

Properties	Method	Values
State		Viscous grease
Colour		Silver
Odour		Characteristic
Specific weight (15°C)	ASTM D 1298	0.99 kg/dm <sup>3</sup>
Solubility in water		Insoluble
Dropping point	ASTM D 566	>140°C
Combustibility V.A.	ASTM D 92	>100°C
Penetration in standard operating conditions (60 double impacts mm/10)	ASTM D 217	265-295
NLGI		2
Operating temperature		Up to 500°C



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