



Product Specification Report

Rev. May 14

PROLUBE MARINE is lubricating grease on titanium oxide base, known for its high efficiency and very high adhesion, and it is intended especially for the marine transport industry.

PROLUBE MARINE

Special lubrication grease for the marine industry

PROPERTIES:

Very high adhesiveness	Due to its base (titanium oxide) the product is highly resistant to wetting
Protective effects	PROLUBE MARINE effectively protects components and aggregates to which it is applied from corrosion
High load	Thanks to EP (Extreme Pressure) additives, PROLUBE MARINE is resistant to high load

AREAS OF APPLICATION:

PROLUBE MARINE is especially suitable for lubrication of moving components in strongly wet conditions: articulated joints, cogs, gear wheels, lever mechanisms, hinges. Due to its properties, it is ideal for the marine industry. It can be also used in all applications that require lubrication in strongly wet sea conditions. Also suitable for lubrication of hinges in the automotive industry.

ACTIVE INGREDIENTS:

- ✓ Titanium oxide
- ✓ Antioxidant additives
- ✓ High pressure (EP) additives

SAFETY WARNINGS:

More detailed information is in the safety data sheet.

COMPATIBILITY:

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

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MARINE

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		Ambient temperature
Dropping point	ASTM D 566	185°C
Emcor test	DIN 51802	Exceeds 0/1
Resistance to wetting	ASTM 1264	<1%
4-ball test (load)	ASTM 1263	Less than one gramme

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.