

ROTHEN TK MARINE

High Quality Universal Grease Resistant to Water

DESCRIPTION

ROTHEN TK MARINE **ROTHEN TK MARINE** is a universal unleaded grease characterized by a high resistance to water washouts and it is recommended for multiple employment in the marine environment.

ROTHEN TK MARINE Is also suggested for the general lubrication of agriculture and mining machinery.

Dotato di massima idrorepellenza, elevato potere antiusura e antiossidante, consente intervalli di lubrificazione sino a sei volte superiori rispetto ai tradizionali grassi lubrificanti. Maximally hydro repellent, with a high anti-wear and anti-oxidant coefficient, it allows for lubrication intervals up to six times longer than other normal greases.

PROPERTIES

- Lesser number of lubrications;
- Excellent resistance to heavy loads;
- Anti-wear and anti-oxidant protection;
- Good pumpability even at extremely low temperatures;
- Resistance to water, even in immersion;
- Total compatibility with all sorts of gaskets and sealings;
- Perfect adhesion, even in extreme conditions;

EMPLOYMENT

ROTHEN TK MARINE is ideally applicable to:

- Pivots;
- Joints;
- Slow, heavily loaded bearings;

COMPATIBILITY

ROTHEN TK MARINE does not present any incompatibilities with O-ring and sealings, and do not require such a precaution.

ROTHEN TK MARINE is mixable with all sorts of greases with a similar soap's base.

CARATTERISTICHE CHIMICO-FISICHE TIPICHE (*)

FEATURE	UNIT OF MEASURE	METHOD	OUTCOME
NLGI Classification	---	---	2
Color	---	---	Bianco
Thermic limit of employment	°C	---	- 20 ÷ 210
Working penetration 60 double strokes 100.000 double strokes	dmm	ASTM D217	260 290
Dripping point	°C	ASTM D566	> 260
Base Oil's viscosity at 40°C	ISO VG	ASTM D445	> 680
Inflammability C.O.C.	°C	ASTM D92	> 210
Sliding coefficient	°C	ASTM D97	- 28
4 Spheres' wear, 1200rpm, -75°C, 40 Kg, 1 hour	mm	ASTM D2266	0.6
Oil separation, 30 hours at 100°C	%	ASTM D972	< 4
4 Spheres' welding	Kg	ASTM D2783	250
Antirust test	---	ASTM D1743	Pass
Oxidation, 500 psi, loss	ore	ASTM D942	9.5
Corrosion on copper , 3 hour at 100°C	---	ASTM D130	1a
Resistenza in cabina	ore	ASTM D1748	> 700

(*): The values are based on typical production, and may consequently vary.