

## ROTHEN LM 300 CLS

### Semi-Fluid Grease For Centralized Lubrication Systems

#### DESCRIPTION

**ROTHEN LM 300 CLS** is a grease based on lithium's soap and highly refined low viscosity mineral oil, with an additional balanced array of antioxidant, anti-rust, anti-friction and EP (Extreme Pressure) additives. Because of its texture and composition, **ROTHEN LM CLS 300** is able to meet the following application requirements:

- Excellent pumpability at low temperatures and for long distances between the pumping system and the machinery to be lubricated;
- The extreme homogeneity of **ROTHEN LM 300 CLS** (even at high pressures and in absence of solid lubricants) helps prevent clogging of the lubrication line, even for minimum diameters;
- Due to its additives, it has good anticorrosion and antioxidant properties, and resists efficiently to heavy loads;
- The fluidity of its base oil, acting in synergy with appropriate additives, gives **ROTHEN LM 300 CLS** considerable anti-friction characteristics.

#### APPLICATIONS

**ROTHEN LM 300 CLS** is a suitable grease for use in the lubrication of moving parts with centralized systems, and particularly of the W. Vogel's type.

#### TYPICAL PHYSICAL-CHEMICAL CHARACTERISTICS (\*)

Color : Green  
 Aspect : Smooth, homogenous  
 Recommended employment temperature : MIN. = - 40°C  
 MAX. = + 100°C

FEATURE	UNIT OF MEASURE	METHOD	OUTCOME
NLGI Classification	---	ASTM D 217	00 - 000
Dripping point	°C	ASTM D 566	150
Manipulated Penetration 60 c. at 25°C	1/10mm	ASTM D 217	440
Manipulated Penetration at 10.000 c. a 25°C	1/10mm	ASTM D 217	---
Copper Corrosion (3h - 100°)	---	ASTM D 130	1b
Oxidation Stability	PSI	ASTM D 942	< 10
Base oil's Viscosity at 40°C (ISO)	cSt	ASTM D 445	32

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