

Castrol Olit CLS 000

Water-resistant Semi-fluid Greases

Description

Castrol Olit™ CLS 000 is a extremely water-resistant highperformance semi-fluid grease on a lithium/calcium basis. Excellent rheological properties in combination with an optimum low-temperature behavior ensure a wide range of applications.

The Olit CLS 000 grease features excellent corrosion protection as well as a high resistance to detergents and caustic soda.

Application

- In central lubrication systems suited for semi-fluid greases.
- In gear units and gear motors lubricated with semi-fluid greases.
- Under unfavorable conditions (high humidity, in the presence of water)
- Temperature application range: - 40°C to + 100°C

Advantages

- OPTITEC™ - OPTIMOL technology.
- Excellently pumpable in centralized lubricating systems.
- Structurally stable - no blocking of the distributors by thickener residues.
- Extremely water-resistant.
- Resistant to detergents.
- Extraordinary corrosion protection.
- Very good low-temperature behavior.

Typical Characteristics

Name	Method	Units	Olit CLS 000
Colour	Visual	-	Beige
Base oil	-	-	Mineral Oil
Thickner Type	-	-	Lithium- Calcium
Worked Penetration (60 strokes @ 25°C)	ISO 2137 / ASTM D217	0.1 mm	450 - 500
Density @ 20°C	ASTM D4052	kg/m ³	899
Dropping Point	ISO 2176 / ASTM D566	°C	148

Subject to usual manufacturing tolerances.

Additional Information

- Please observe the specifications of the bearing and plant manufacturers.
- OLIT CLS 000 grease is miscible with lithium greases.
- Maximum performance can be assured only if the product is not mixed with other lubricants.

Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing condition.

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28 Sep 2012

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