

## Product Data Sheet

# CASTROL OLIT CLS 0, CLS 00, CLS 000

Water-resistant semi-fluid greases

### DESCRIPTION

CASTROL OLIT CLS 0, CLS 00 and OLIT CLS 000 are extremely water-resistant high-performance semi-fluid greases on a lithium/calcium basis. Excellent rheological properties in combination with an optimum low-temperature behavior ensure a wide range of applications.

CASTROL OLIT CLS 0, CLS 00 and CLS 000 feature an excellent corrosion protection as well as a high resistance to detergents and caustic soda.

### APPLICATIONS

- 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/- 40°F to + 100°C/+ 212°F

### 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

### NOTES FOR USE

- Please observe the specifications of the bearing and plant manufacturers.
- CASTROL OLIT CLS 0, CLS 00 and CLS 000 greases are miscible with lithium greases.
- Maximum performance can be assured only if the product is not mixed with other lubricants.

# CASTROL OLIT CLS 0, CLS 00, CLS 000

## Technical data

	Unit	Value			Test method
<b>CASTROL OLIT CLS</b>	-	<b>0</b>	<b>00</b>	<b>000</b>	-
Article no.	-	08206	08207	08208	-
Color	-	beige			visual
Base	-	lithium-calcium/mineral oil			-
Consistency/NLGI grade	-	0	00	000	DIN 51818
Worked penetration Pw 60	0.1 mm	355 - 385	400 - 430	450 - 500	DIN ISO 2137
Density at + 20°C/+ 68°F	kg/m <sup>3</sup>	890	892	899	DIN 51757
Dropping point	°C °F	140 284	145 293	148 298.4	DIN ISO 2176
Water resistance at + 90°C/ + 194°F	-	1	2	*	DIN 51807 T.1

\* cannot be determined

These technical data are based on average test results. Minor deviations may occur from case to case.

For further product information please contact the Technical Service of Castrol Industrie GmbH.

Above data are based on extensive tests and practical experience. Considering the wide range of application requirements, they cannot, however, guarantee success in every single case. We therefore recommend practical trials. We reserve the right to change the product composition with a view to further improvement.