



## CLS Grease

Semi-Fluid Extreme Pressure Grease

### Description

Castrol CLS is a semi-fluid, extreme pressure grease developed using an optimised combination of synthetic base oil, lithium thickener technology and a specially selected additive system incorporating EP/Anti-wear additives, anti-oxidants and corrosion inhibitors.

### Application

Castrol CLS is a high quality semi-fluid EP grease with excellent low temperature properties that make it particularly suitable for use in the central lubricating systems of commercial vehicles and is approved according to:

- MAN 283 Li-P 00/000
- Mercedes Benz 264.0

Castrol CLS is also considered an excellent multipurpose semi-fluid grease for Industrial and Automotive applications generally where a combination of excellent extreme pressure performance and corrosion resistance are core requirements.

### Advantages

- Good mechanical stability enables extended service operation.
- Excellent extreme pressure performance offering enhanced component protection.
- Excellent corrosion protection provides extended service in more exposed operational environments.
- Superior cold flow properties enable year-round use.

### Typical Characteristics

Name	Method	Units	Castrol CLS
Thickener		-	Lithium
Base Oil		-	Mineral
NLGI Grade	ASTM D217	-	00
Cone Penetration, Worked 60 Strokes	IP 50	10ths/mm	415
Drop Point	IP 396	°C	180
Viscosity @ 40°C	ASTM D445	cSt	40
Temperature Range			-40°C to +100°C

## Product Performance Claims

MAN 283 Li-P 00/000  
MB-Approval 264.0  
NLGI 00/000

## 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 conditions.

CLS Grease  
19 Jun 2012  
Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

10 Junction Avenue , Parktown , Johannesburg , 2193, South Africa  
+27 11 488 5111, 0860 222 166 (SA), 0800 111 551 (SA)  
[www.castrol.co.za](http://www.castrol.co.za)