



Product Data

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 by key OEMs

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		-	Synthetic
Appearance	Visual	-	Smooth, Green & Homogeneous
NLGI Grade	ASTM D217	-	00
Cone Penetration, Worked 60 Strokes	IP 50	10ths/mm	415
Dropping Point	IP 396	°C	170
Base Oil Viscosity @ 40°C	ASTM D445	cSt	40
Weld Point	IP 239	kg	280
Dynamic Emcor Corrosion (Distilled Water)	IP 220	Rating	0 - 0
Dynamic Emcor Corrosion (Salt Water)	IP 220	Rating	0 - 1
Temperature Range			-40°C to +100°C

Product Performance Claims

NLGI 00/000
 DTFR 33B100 (MB 264.0)
 MAN 283 Li P 00/000
 MB-Approval 264.0
 Volvo Truck Corporation: Service Bulletin page 28

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.

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