



Product Data

Optitemp™ 2 LN 584 LO

Black, lithium-soap standard grease for constant velocity joints

Description

Castrol Optitemp™ 2 LN 584 LO (previously called Olistamoly 2 LN 584 LO) is a grease for homokinetic ball joints. Applications can be found in industry as well as in the automotive sector.

Optitemp 2 LN 584 LO is a multi-purpose, normal temperature grease which can offer a long lubrication life as a result of its additives, particularly MoS₂.

Application

- Homokinetic ball joints
- Tripod joints

Advantages

- Ensures long service life
- Guarantees utmost service life of ball joints
- Extensive experience in the automotive industry
- Approvals: Audi, BMW, Ford, GKN, Mercedes, Opel, VW (for specific applications)
- Lowest application temperature: - 40°C/- 40°F
- Highest permanent temperature: + 110°C/+ 230°F
- Short-term maximum temperature: + 140°C/+ 284°F

Typical Characteristics

Name	Method	Units	Optitemp 2 LN 584 LO
Appearance	Visual	-	Homogenous
Colour	ASTM D1500 / Visual	-	Black
Consistency	ISO 2137 / ASTM D217 / DIN ISO 2137	NLGI	2
Infra Red Spectrum	DIN 51451	cm-1	FTIR (to be provided with CoA)
Dropping point	ASTM D566 / ISO 2176	°C/°F	>180/>356
Lead, ppm	CIP 2	mg/kg (ppm)	< 10
Worked Penetration (60 strokes @ 25°C / 77°F)	ASTM D217/ ISO 2137	0.1 mm	280- 295
Oil Separation (168 hrs @ 40°C / 104°F)	IP 121 / DIN 51817	% w t	< 6.0
Water Resistance 3h @ 90°C	DIN 51807	Assessment Stage	0
Density @ 20°C / 68°F	ASTM D4052 / ISO 12185	kg/m³	890
Worked Penetration (100,000 strokes @ 25°C / 77°F) - change from 60 strokes	ASTM D217 / ISO 2137	0.1mm	< 50
Corrosion Prevention (Grease)	Supplier	-	0/1
Flow Pressure @ -35°C	CIP 1	hPa	< 1600

Subject to usual manufacturing tolerances.

Additional Information

The joint must be evenly filled with the grease. Ensure gaps and clearances in particular are greased as lubricant starvation can occur in the running-in phase.

The grease is generally compatible with conventional boot materials such as CR and Hytrel. Please contact your Castrol Technical Services team for further information.

This product was previously called Olistamoloy 2 LN 584 LO. The name was changed in 2015.

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