

## 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 MoS<sub>2</sub>.

### 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	% wt	< 6.0
Water Resistance 3h @ 90°C	DIN 51807	Assessment Stage	0
Density @ 20°C / 68°F	ASTM D4052 / ISO 12185	kg/m <sup>3</sup>	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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