

Optitemp SG 2

Special lubricating grease, resistant to water and high temperatures

Description

Castrol OPTITEMP™ SG 2 (previously named Rheomic™ SG 2) is a high-temperature lubricating grease for long-term and lifetime lubrication of all types of sliding points. OPTITEMP SG 2 as special lubricant is also suited for lubricating points exposed to extreme thermal and mechanical loads, e.g. for shift linkages in passenger cars.

Application

- Bearings and sliding points in the change gear system of vehicles.
- For highly loaded sliding points of all types of machines.
- Long-term and lifetime lubrication even under extreme mechanical conditions.
- For rolling and sliding bearings.
- Temperature application range: - 35°C/- 31°F to + 160°C/+ 320°F

Advantages

- Excellent corrosion protection
- High water resistance
- Wide temperature application range.
- Reduction of the coefficient of friction
- Good load carrying capacity
- Compatible with PUR materials

Typical Characteristics

Name	Method	Units	Optitemp SG 2
Colour	Visual / ASTM D1500	-	brown - natural colour
Thickener type	-	-	Polyurea
Worked Penetration (60 strokes @ 25°C / 77°F)	ASTM D217 / ISO 2137	0.1 mm	287
Base Oil Viscosity @ 40°C / 104°F	ASTM D445 / ISO 3104	mm ² /s	92
Dropping point	ASTM D566 / ISO 2176	°C/°F	268/514.4
Water Resistance	DIN 51807-1	Rating	0
Rust Test - EMCOR (distilled water)	ASTM D6138 / ISO 11007	Rating	0
VW Oil Separation test (1hr / 90°C/194°F)	P-VW-1423	% wt	3.6
Flow pressure @ -35°C/-31°F	DIN 51805	mBar	950

Subject to usual manufacturing tolerances

Additional Information

Do not mix OPTITEMP SG 2 with other lubricating greases. In case of doubt please contact the Technical Service.

This product was previously named Rheomic SG 2 . The name was changed in 2015.

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