



Product Data

Optitemp PL 3

Special grease for Prelubrication

Description

Castrol Optitemp™ PL 3 is based on a lithium soap and mineral base oils, blended with a unique extreme pressure and anti-wear additive package, which has been specifically formulated for compatibility with automotive axle-transmission fluids.

Application

Castrol Optitemp PL 3 is approved for use as a first fill grease of bearings mounted in oil lubricated automotive axle-transmissions from AUDI, to ensure proper lubrication during start-up, eliminating premature failures.

Advantages

- Protection of antifriction bearings to minimise wear and premature failure during initial start-up.
- Compatibility with crankcase gear oil.

Typical Characteristics

Name	Method	Units	Optitemp PL 3
Colour	Visual	-	yellow /brown
Base oil	-	-	Mineral oil
Thickner type	-	-	Lithium
Worked Penetration (60 strokes @ 25°C / 77°F)	ISO 2137 / ASTM D217	0.1 mm	255-280
Worked Penetration (100,000 strokes @ 25°C / 77°F) - change from 60 strokes	ISO 2137 / ASTM D217	0.1 mm	20
Density @ 20°C / 68°F	ASTM D4052	kg/m ³	908
Copper Corrosion (24 hrs, 100°C / 212°F)	ASTM D4048	Rating	1
Water Resistance	DIN 51807-1	Rating	0 to 1
Base Oil Viscosity @ 40°C / 104°F	ISO 3104 / ASTM D445	mm ² /s	100
Base Oil Viscosity @ 100°C / 212°F	ISO 3104 / ASTM D445	mm ² /s	9
Dropping point	ISO 2176 / ASTM D566	°C/°F	>190
Flow pressure @ -35°C/ -31°F	DIN 51805	mBar	<1600

Subject to usual manufacturing tolerances

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