



## WB Grease

### Description

Castrol WB Grease is a high quality, NLGI Grade 3 lubricating grease based on an optimised combination of lithium thickener, high viscosity mineral oil and polymer technology.

### Application

The combination of high viscosity base oils, polymer and lithium thickener technology make Castrol WB Grease suitable for use in a wide variety of components including rolling element bearings and chassis points where operating conditions involve slow speeds and the requirement for a grease offering good film strength and adhesive qualities.

Castrol WB Grease is particularly suitable for use in wheel bearings and slow speed rolling element bearings found on heavy duty mining and construction equipment where peak temperatures do not exceed 120°C.

### Advantages

- Lithium thickener technology offers excellent shear stability enabling long service life and relubrication periods.
- High base oil viscosity enhances lubricant film strength in heavy duty applications protecting components from wear.
- NLGI 3 consistency provides greater resistance to the effects of severe vibration that can be more prevalent in the target applications.
- Polymer technology enhances adhesive properties.

## Typical Characteristics

Name	Method	Units	Castrol WB Grease
Thickener	-	-	Lithium
Base Oil	-	-	Mineral Oil
Appearance	Visual	-	Smooth, Dark Brown & Homogeneous
NLGI Grade	ASTM D 217	-	3
Cone Penetration, Unworked	ASTM D217	0.1mm	232
Cone Penetration, Worked 60 Strokes	ASTM D217	0.1 mm	230
Dropping Point	ASTM D 566	°C	198
Base Oil Viscosity @ 40°C	ISO 3104	mm <sup>2</sup> /s	817
Base Oil Viscosity @ 100°C	ISO 3104	mm <sup>2</sup> /s	37

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