

# PRODUCT DATA

## Castrol Axle Limited Slip 85W-140

### PRODUCT DESCRIPTION

**Castrol Axle Limited Slip 85W-140** is a mineral based gear oil which is suitable for use in limited slip differentials in cars and commercial vehicles where API GL-5 performance is required; also suitable for use in conventional differentials.

### PRODUCT APPLICATION

**Castrol Axle Limited Slip 85W-140** may be recommended for use in the differentials, gearboxes and steering gears of many cars, trucks, farm machinery, earthmoving and excavating machinery requiring a hypoid lubricant.

**Castrol Axle Limited Slip 85W-140** is particularly recommended for conventional hypoid differentials where the vehicle is operating with very high loads. The higher level of extreme pressure and limited slip additives give added wear protection in both conventional and limited slip hypoid differentials.

### PRODUCT FEATURES & BENEFITS

#### Features

- Excellent anti-weld properties where high tooth loadings can be tolerated
- Friction modified, providing desired frictional characteristics required by the clutches in the limited slip
- Good corrosion protection safeguarding against pitting of ferrous and staining of non-ferrous components
- Extra wear protection in axles - both limited slip and conventional - in vehicles used for towing

#### Benefits

- High film strength ensuring maximum protection against wear and shock loads
- Excellent oxidation stability providing protection during high temperature operations
- Good antifoaming properties hence maintaining a continuous lubrication film and preventing oil loss through aeration



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## TYPICAL CHARACTERISTICS

| SAE Viscosity Grade | KV @ 100 °C (cSt) | KV @ 40 °C (cSt) | Viscosity Index | Pour Point (°C) | Density @ kg/L @ 15°C | Rating  |
|---------------------|-------------------|------------------|-----------------|-----------------|-----------------------|---------|
| SAE 85W-140         | 25.2              | 333              | 96              | -15             | 0.910                 | API GL5 |

## PERFORMANCE LEVELS

- SAE 85W-140
- API GL5
- SAE J306 Viscosity Classification 85W-140
- Ford M-2C-1013A
- US MIL-PRF-2105E (SAE J2360)
- Mack GO-J

## HEALTH, SAFETY & ENVIRONMENT

**Castrol Axle Limited Slip 85W-140** is considered non-hazardous in accordance with the HSNO Act. However, in line with safe handling practices, it is recommended that the handling instructions outlined in the Castrol Material Safety Data sheet be followed.

### Spillage

- Small:** Soak up using an inert mineral adsorbent such as Castrol MOP and dispose of in the appropriate manner.
- Large:** Corrective action usually dictated by individual company safety procedures. Immediate containment and subsequent removal is essential.
- Disposal:** Oily materials must not be allowed to enter groundwater, watercourses, sewerage or drainage systems. Refer to local Waste Disposal Authority for legal requirements.

### Product Removal

- Bare Metal Surfaces:** Remove with Castrol solvent cleaners or water based degreasers.
- Hand Cleaning:** Use any of the Castrol range of hand cleaners, e.g. CareClean Plus.
- Other Surfaces:** Contact the Castrol Technical Advice Line on 0800 10 40 60.

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For more information contact: Castrol NZ (A Business Division of BP Oil New Zealand Limited)  
Technical Advice Line: 0800 10 40 60  
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