

Trent HD Gear Oil Range

Automotive Gear Lubricants

Description

Trent HD Gear Oil is available as three multigrade viscosities, SAE 80W-90, 80W-140 and 85W-140. They are multi-purpose hypoid gear lubricants containing extreme pressure additives and a very shear-stable viscosity index improver in a solvent refined base oil, designed for use in automotive gear boxes and final drives.

Application

Trent HD Gear Oil is recommended primarily for all manual gearboxes and final drives where a viscosity from within its wide ranges is specified and special anti-wear protection is required. It is particularly suitable for hypoid and spiral bevel type gears in commercial vehicles, buses, off-highway equipment and passenger cars operating in moderate to heavy conditions.

The appropriate viscosity grade of Trent HD Gear Oil may also be used whenever one or more of the following other specifications indicates the quality of gear lubricant required.

Meets the Following Specifications

- API GL-5.
- MIL-L-2105D.
- ZF TE-ML 05A, 07A, 12A, 16B/C/D, 17B, 19B, 21A
- Ford SM-2C-1011-A, SQM-2C-9002-AA
- General Motors Pt. No 88 63 370, 85 476
- Volvo 97310, 97316
- MAN 342

Properties and Features

- Protects against rust and corrosion
- Very shear stable formulation
- Proven oxidation stability
- Compatible with seal materials

Benefits

- Extends drive-train component life.
- Good protection against wear and scoring even under heavy duty and shock loading conditions.
- High resistance to thermal and chemical degradation gives extended service life.

Typical Inspection Data

Property	Method	Units	Inspection Data			
SAE Viscosity Grade	-	-	75w-80	80w-90	80w-140	85w-140
Absolute Density at 15°C	D 1298	kg/m ³	0.883	0.896	0.906	0.909
Viscosity at 100°C	D 445	mm ² /s	7.80	14.38	26.0	29.3
Viscosity at 40°C	D 445	mm ² /s	41.1	139.5	247.3	431.0
Viscosity Index	D 2270	-	163	99	128	96
Flash Point	D 93	°C	170	178	178	178
Pour Point	D 97	°C	-39	-27	-27	-15

Health and Safety

Please refer to the relevant Trent Safety Data Sheet.

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Prior to using this product, consult the Material Safety Data Sheet for instructions regarding safe handling and environmental issues. The information contained herein is based on data available to us and is believed to be accurate. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY USE, OR ANY OTHER WARRANTY IS EXPRESSED OR TO BE IMPLIED, REGARDING THE ACCURACY OF THESE DATA. THE RESULTS TO BE OBTAINED FROM THE USE THEREOF, OR THE HAZARDS CONNECTED WITH THE USE OF THE PRODUCT. Trent Oil Lubricants Ltd. assumes no liability for any alleged ineffectiveness of the product or any injury or damage, direct or consequential, resulting from the use of this product unless such injury or damage is solely attributable to negligence on the part of Trent Oil Lubricants Ltd.



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technical data