



TOP 1 OIL PRODUCTS COMPANY

PRODUCT DATA SHEET

April 2022

TOP 1 HDI HEAVY DUTY INDUSTRIAL AXLE OIL 80W-90 GL-5

DESCRIPTIONS

TOP 1 HDI AXLE OIL 80W-90 GL-5 with EP (extreme pressure) additive is premium gear and axle oil formulated to provide excellent anti wear, anti-scuff, and corrosion protection. Better performance in the designed temperature range.

TOP 1 HDI AXLE OIL 80W-90 GL-5 dengan aditif EP (extreme pressure) adalah pelumas roda gigi berkualitas tinggi, diformulasikan untuk memberikan perlindungan dari keausan, lecet, dan korosi. Bekerja lebih bagus pada rentang temperatur kerja.

FEATURES AND ADVANTAGES

- Maintain flow in extreme temperature
- Suitable for industrial spur, herringbone, helical and spiral level gear sets.
- Suitable for worm gears and bronze gears in automotive and industrial equipment
- Hypoid gear axle
- Recommended for final drives requiring API GL-5 specification
- Suitable for manual transmission with API GL-4 / MT-1 specification.
- Bekerja sempurna pada temperatur ekstrim
- Cocok untuk perangkat roda gigi spur, herringbone, helical dan spiral pada industri.
- Cocok untuk roda gigi cacing dan roda gigi berbahan perunggu pada otomotif ataupun peralatan industri
- Poros roda gigi hypoid
- Direkomendasikan untuk roda gigi yang memerlukan spesifikasi API GL-5
- Cocok untuk transmisi manual dengan spesifikasi API GL-4 / MT-1

APPLICATION

TOP 1 HDI AXLE OIL 80W-90 GL-5 is suitable for:

API GL-5, MAN 342 M1, MAN 342 M2 MAN 342 M1, ZF 05A, ZF 07A, ZF 08, ZF 12E, ZF 16B-D, ZF 17B, ZF 19B, ZF 21A, Scania STO 1:0, Volvo 1273.10, SAE J2360, Industrial

TOP 1 HDI AXLE OIL 80W-90 GL-5 sesuai untuk:

TYPICAL SPECIFICATIONS

PARAMETER	UNIT	HDI AXLE OIL 80W-90 GL-5
Appearance		Bright & Clear
Density @15 C	kg/m ³	891.6
Kin Visc at 40 C	cSt	148.69
Kin Visc at 100 C	cSt	15.28
Visc Index		104
Flash point (COC)	C	222
Pour point	C	-27

*These characteristics are typical. Variations may occur in future production