PRODUCT DATA SHEET

Q8 Synthetic Gear Oil 80W-140

Synthetic heavy duty axle fluid

Description

Q8 Synthetic Gear Oil 80W-140 is a heavy duty driveline product that can be used in manual transmissions, axles and final drives or differentials, especially those having hypoid gears. It offers extended drain capabilities, provides outstanding wear protection, stay-in-grade shear stability resulting in extended driveline life.

Applications

Q8 Synthetic Gear Oil 80W-140 can be used in heavy duty driveline components such as manual transmissions, axles and final drives or differentials, especially those having hypoid gears that require specifications such as API GL-4, API GL-5, SAE J2360 / MIL-PRF-2105E, or ZF.

Benefits

- *Exceptional wear protection under heavy duty operating conditions.*
- *Outstanding protection against wear and extends component life.*
- *Outstanding protection against rust and corrosion.*

Specifications, recommendations and approvals

API	GL-4	**ZF**	**TE-ML 05A**
API	GL-5	**ZF**	**TE-ML 12M**
MIL	PRF-2105E	**ZF**	**TE-ML 16D**
SAE	J 2360	**ZF**	**TE-ML 21A**

Color code blue: Approved

Properties

	Method	Unit	Typical
Density, 15 °C	*D 4052*	*g/ml*	*0,8899*
Viscosity Grade	*-*	*-*	*SAE 80W-140*
Kinematic Viscosity, 40 °C	*D 445*	*mm²/s*	*218*
Kinematic Viscosity, 100 °C	*D 445*	*mm²/s*	*28.4*
Viscosity Index	*D 2270*	*-*	*168*
Brookfield Viscosity, -26 °C	*D 2983*	*mPa.s*	*80.0*
Pour Point	*D 97*	*°C*	*-24*
Flash Point, P-M	*D 93*	*°C*	*149*

The figures above are not a specification. They are typical figures obtained within production tolerances.

Sustainability

*The product Carbon Footprint (PCF), cradle-to-gate (Q8Oils state of the art facility in Belgium), of Q8 Synthetic Gear Oil 80W-140 is **1.67** kg CO_2eq / kg.*
Please contact Q8Oils to learn more about the positive environmental impact, the handprint, of this product.
To ensure accuracy and reliability, the PCF calculation tool has been verified by an independent third party. The verification report is available in the disclaimer.
For more info check here

we take care


PRODUCT CARBON FOOTPRINT
METHOD VALIDATED BY:
PCF CALCULATION IN LINE WITH:
ISO 14067 | ATIEL-UEIL PCF
VINÇOTTE