



PRODUCT DATA SHEET

Havens Engrenage SAE 75W80 ZF

DESCRIPTION

Havens Engrenage SAE 75W80 ZF is a fully synthetic gear lubricant formulated from synthetic base oils and an advanced additive system.

PROPERTIES

This lubricant assures:

- Exceptional thermal stability
- Enhanced frictional properties
- Resistance to high temperature oxidation
- Outstanding protection against low speed/high torque wear

APPLICATIONS

Havens MTF SAE 75W80 ZF provides excellent low temperature fluidity for safe lubrication during very low temperature transmission and transaxle startup, and also maintains a thick protective oil film during extremely hot operating conditions. Used in all synchronized and non-synchronized manual transmission types operating under heavy loads and at high speed in extremely low temperatures, where an API GL-4 and ZF oil is required.

PERFORMANCE LEVELS

Meets and exceeds:

API GL-4; EATON Manual Transmission; MAN 341 Type Z4; MAN 341 Type E3; VOLVO 97307; ZF TE-ML 01L; ZF TE-ML 02L; ZF TE-ML 16K.

TYPICAL PROPERTIES

PARAMETERS	TEST METHOD	UNIT	Havens MTF
Viscosity Grade			75W80
Density @ 15°C, kg/l	ASTM D1298	kg/l	0.86
Viscosity @ 100°C, cSt	ASTM D445	cSt	9.5
Viscosity @ 40°C, cSt	ASTM D445	cSt	55.5
Viscosity Index (min)	ASTM D2270	-	155
Pour Point, °C	ASTM D97	°C	-42
Flash Point, °C	ASTM D92	°C	232

The values shown above are typical values at the date of publication. Havens Lubricants reserves the right to change these typical values without prior notice

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website www.havenslubricants.com