

SINTOGEAR Z 02-L 75W-80

Fully-synthetic, fuel-economy, ultra long life manual gearbox oil specially developed for manual ZF-gearboxes.

SPECIFICATIONS

- API GL-4
- IVECO 18-1807 Classe MGS1
- MAN 341 Type E3/Z3/Z4/Z5
- VOLVO 97305 / 97307
- ZF TE-ML 01E / 01L / 02D / 02E / 02L / 08 / 16K / 16P

APPLICATIONS

SINTOGEAR Z 02-L 75W-80 is a manual transmission fluid formulated with synthetic base oils and is specially developed for use in ZF manual transmissions with the specifications ZF TE-ML 01E/01L/02E/02L (compatible with carbon synchros) which allows oil change intervals up to 300 000 kms or 2 years. The product has been successfully proven in a 600.000 km field test.

For MAN trucks gearboxes, it is compatible with the specifications MAN 341 Z4/Z5 which allow oil change intervals up to 500.000 km.

DEFINITION & ADVANTAGES

- Due to an optimal viscosity temperature characteristic **SINTOGEAR Z 02-L 75W-80** ensures perfect gearbox lubrication at very high or very low outside temperatures.
- The low viscosity level at operating temperature helps increasing the gearbox efficiency ration, resulting in low power losses and best fuel economy possible.
- Latest additive technology offers high thermal stability & high prevention from deposit/sludge formation
- Outstanding synchronizing properties ensure easy shift ability even at very low temperatures.
- Very good bearing and gear protection even under high loads.

TECHNICAL CHARACTERISTICS

AVERAGE TECHNICAL CHARACTERISTICS	UNITS	AVERAGE VALUE	TEST METHOD
SAE Grade		75W-80	
Specific gravity at 15°C	kg/m ³	857	DIN 51757
Kinematic viscosity at 40°C	mm ² /s	57,3	DIN 51562-1
Kinematic viscosity at 100°C	mm ² /s	9,8	DIN 51562-1
Viscosity index		157	DIN ISO 2909
Flash point	°C	230	DIN ISO 2592
Pour point	°C	-48	ASTM D97