# GEAR OIL SAE GL 4 75W80 ZF

This is a full synthetic lubricant based on carefully selected very high quality base oils, which is recommended for the manual transmissions of most commercial vehicles. It is adapted to the requirements of synchromesh transmissions, procuring improved shift comfort, low temperature fluidity and longer service life.

### **APPLICATIONS**

This product meets the requirements of many commercial vehicle builders and/or gearbox manufacturers, including DAF,IVECO, Eaton Europe (300.000 km or 3 years), Renault (in accordance with B0032/2 Annex 3) and Volvo.

### **FEATURES**

Frictional properties: very smooth shift performance

Anti-wear protection: significantly extended transmission life Extended oil life: excellent thermal and oxidation stability

## **SPECIFICATIONS**

API	GL-4	VOITH	Retarder Oil Class A
DAF	MEET REQUIREMENTS	VOITH	Retarder Oil Class C
DTFR	13B150	VOLVO	97305
EATON	Extended drain	VOLVO	97307
FIAT	9.55550-MZ10	ZF	TE-ML 01L
IVECO	MEET REQUIREMENTS	ZF	TE-ML 02L
MAN	341 Z-4	ZF	TE-ML 08
MB	235.4	ZF	TE-ML 13
RENAULT	B0032/2 Annex 3	ZF	TE-ML 16K
SCANIA	STO MTF	ZF	TE-ML 24A

## TYPICAL CHARACTERISTICS

Method	Unit	Average results
ASTM D4052	g/ml	0.856
ASTM D445	mm²/s	54.6
ASTM D445	mm²/s	9.43
ASTM D2270		157
ASTM D6892	°C	-42
ASTM D2983	mPa.s	80000
ASTM D92	°C	234
	ASTM D4052  ASTM D445  ASTM D445  ASTM D2270  ASTM D6892  ASTM D2983	ASTM D4052 g/ml  ASTM D445 mm²/s  ASTM D445 mm²/s  ASTM D2270  ASTM D6892 °C  ASTM D2983 mPa.s

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.

