

CHAMPION OEM SPECIFIC

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	RENAULT	B0032/2 Annex 3
DAF	MEET REQUIREMENTS	VOITH	Retarder Oil Class A
DTFR	13B150	VOITH	Retarder Oil Class C
EATON	Extended drain	VOLVO	97305
FIAT	9.55550-MZ10	VOLVO	97307
IVECO	MEET REQUIREMENTS	ZF	approval TE-ML 01L
MAN	341 E-1	ZF	approval TE-ML 02L
MAN	341 E-2	ZF	approval TE-ML 16K
MAN	341 E-3	ZF	TE-ML 08
MAN	341 Z-4	ZF	TE-ML 13
MB	235.4	ZF	TE-ML 24A

TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.856
Kinematic viscosity at 40°C	ASTM D445	mm²/s	54.6
Kinematic viscosity at 100°C	ASTM D445	mm²/s	9.43
Viscosity index	ASTM D2270		157
Pour point	ASTM D6892	°C	-42
Brookfield viscosity at -40°C	ASTM D2983	mPa.s	80000
Flash Point COC	ASTM D92	°C	234

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

CHAMPION CHEMICALS NV

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