



MOTUL GEAR SYNT TDL 75W-90

Getriebeöl für hochbelastete Antriebe und verlängerten Wechselintervallen
Lubricant for heavily loaded transmissions and long drain service.
100% Synthetic

TYPE OF USE

Fully Synthetic lubricant specially designed for heavily loaded mechanical transmissions and long drain service: MAN, SCANIA, ZF (Ecolite Ecomid, Ecosplit and AS-tronic 1 without Intarder), ...

All mechanical transmissions, synchronized or non-synchronized gearboxes, gearbox/differential, transfer gearboxes and hypoid differentials without limited slip system operating under shocks, heavy loads and low revolution speed or moderate loads and high revolution speed.

PERFORMANCES

Fully Synthetic Extreme Pressure lubricant for an efficient anti-wear protection, a better resistance at high temperature and a longer life time.

Viscosity grade 90 at high temperature to provide outstanding oil film resistance at hot temperature and/or to reduce transmission noise. Stays in viscosity grade 90 after KRL 20 hours shear test as requested by SAE J306 Standard.

Very high lubricating power which decreases friction and wear. Fluid at low temperature to allow easier gear shifting when the gearbox is cold.

Less effort required on the gear lever to shift the gears.

Suitable for any type of seal and yellow material used in gearboxes design.

Anti-corrosion, Anti-foam.

RECOMMENDATIONS

Oil drains: refer to manufacturers' recommendations and adjust according to your own use.

PROPERTIES

Viscosity grade	SAE J 300	75W-90
Density at 20°C (68°F)	ASTM D1298	0.866
Viscosity at 40°C (104°F)	ASTM D445	105.0 mm ² /s

We retain the right to modify the general characteristics of our products in order to offer to our customers the latest technical development.

Product specifications are definitive from the order which is subject to our general conditions of sale and warranty.

MOTUL - 49 Kyalami Blvd, Kyalami Business Park - 1684 - Midrand - +27820454357 - www.motul.com

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Viscosity at 100°C (212°F)	ASTM D445	15.7 mm²/s
Viscosity Index	ASTM D2270	158.0
Pour point	ASTM D97	-51.0 °C / -60.0 °F
Flash point	ASTM D92	202.0 °C / 381.0 °F

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STANDARDS	
API	GL-4, GL-5, MT-1
MIL-L	2105 D
MIL-PRF	2105 E
SAE	J2360
SCANIA	STO 2:0 A (Transmission)
VOLVO	Transmission oil 97312
ZF	TE-ML 02B / 05A / 12L / 12N / 16F / 17B / 19C / 21A under n° ZF000825
OEM PERFORMANCES	
EATON	Europe Transmissions
MACK	GO-J
MAN	341 Type Z2, 342 Type M3
MERCEDES-BENZ	MB 235.8
MERITOR	076-N
PRODUCTS	
ARVIN	076-N
Eaton	Europe Transmissions

