



MOTUL GEAR 300 75W-90

**Racing gearbox and differential lubricant
Synthetic Technology**

TYPE OF USE

Synthetic technology lubricant for all mechanical transmission of high performances and racing cars. For synchronised or not synchronised 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. 0% shear loss: Unshearable oil film in extreme conditions. Very high lubricating power which decreases friction and wear. 90 grade at hot temperature to provide outstanding oil film resistance at hot temperature and/or to reduce transmission noise. Fluid at low temperature to allow comfortable gear shifting.

PERFORMANCES

STANDARDS API GL-4 / GL-5
 MIL-L 2105 D

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

0% shear loss : Unshearable oil film in extreme conditions.

Stays in 90 grade after KRL 20 hours shear test as requested by SAE J306 standard, July 1998 update.

Very high lubricating power which decreases friction and wear.

90 grade at hot temperature to provide outstanding oil film resistance at hot temperature and/or to reduce transmission noise.

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 change: According to manufacturers' requirements and adjust according to your own use.

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.

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PROPERTIES

Viscosity grade	SAE J 300	75W-90
Density at 20°C (68°F)	ASTM D1298	0.897
	ASTM D445	86.5 mm ² /s
Viscosity at 40°C (104°F)	ASTM D445	14.2 mm ² /s
Viscosity at 100°C (212°F)	ASTM D2270	170.0
Viscosity Index	ASTM D97	-54.0 °C / -65.0 °F
Pour point		
Flash point	ASTM D92	204.0 °C / 399.0 °F

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