

GEAR 300 75W-90

Racing gearbox and differential lubricant
100% Synthetic – Ester based

TYPE OF USE

Specially designed for racing vehicle gearboxes : speed way, rally, raid...
All mechanical transmission, synchronized or not 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

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

100% Synthetic - 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.



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PROPERTIES

Viscosity grade	SAE J 300	75W-90
Density at 20°C (68°F)	ASTM D1298	0.897
Viscosity at 40°C (104°F)	ASTM D445	72.6 mm ² /s
Viscosity at 100°C (212°F)	ASTM D445	15.2 mm ² /s
Viscosity Index	ASTM D2270	222.0
Pour point	ASTM D97	-60.0 °C / -76.0 °F
Flash point	ASTM D92	200.0 °C / 392.0 °F