



MOTUL GEAR COMPETITION 75W-140

Racing lubricant for limited slip differential integrated in the gearbox or not.
ESTER Core®

TYPE OF USE

Specially designed for racing vehicle gearboxes : speed way, rally, raid...

All hypoid differentials with limited slip system (LS or LSD), gearbox with integrated limited slip differential, mechanical transmission, synchronized or not synchronized gearboxes, transfer gearboxes operating under shocks, heavy loads and low revolution speed or moderate loads and high revolution speed.

PERFORMANCES

High Performance Synthetic – **ESTER Core®** lubricant reinforced with EP - "Extreme Pressure" additives to protect against wear and for a higher resistance at high temperature and a longer lifetime.

Esters are polar molecules hence are attracted to metallic surfaces. The exclusive Motul **ESTER Core®** Technology features optimized polarity for maximal adherence of the oil film to increase transmission protection, reliability and driveability, even in most extreme conditions.

Included friction modifier avoid noisy or dragging limited slip differential.

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

Stays in 140 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.

140 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

Color	Visual	Blue
Viscosity grade	SAE J 306	75W-140
Density at 20°C (68°F)	ASTM D1298	0.903
Viscosity at 40°C (104°F)	ASTM D445	170.0 mm²/s
Viscosity at 100°C (212°F)	ASTM D445	24.7 mm²/s
Viscosity Index	ASTM D2270	178.0
Pour point	ASTM D97	-36.0 °C / -33.0 °F
Flash point	ASTM D92	212.0 °C / 413.0 °F



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STANDARDS	
API	GL-5 MUGEN Le Mans 24H – HEWLAND and X-TRAC Japanese GT
	Above existing standards

