

**MOTYLGEAR 80W-140**

**Lubricant for heavily loaded transmissions  
Technosynthese®**

**TYPE OF USE**

All mechanical transmission synchronized or not synchronized gearboxes, gearbox/differential, transfer gearbox and hyoid differentials without limited slip system operating under shocks, heavy loads and low revolution speed or moderate loads and high revolution speed.

Specially recommended when the xxW-90 lubricant requested by the gearbox manufacturer is not strong enough to handle very heavy loads, shocks or/and high temperatures.

**PERFORMANCES**

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

Extreme Pressure lubricant for an efficient anti wear protection reinforced with Technosynthese® synthetic base stocks for a better resistance at high temperature and life time.

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.

High viscosity at hot temperature for a higher oil film resistance in extreme operation conditions: heavy loads, shocks, high temperatures.

Oil film stability at high temperature.

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 306	80W-140
Density at 20°C (68°F)	ASTM D1298	0.897
Viscosity at 40°C (104°F)	ASTM D445	289.7 mm <sup>2</sup> /s
Viscosity at 100°C (212°F)	ASTM D445	40.0 mm <sup>2</sup> /s
Viscosity Index	ASTM D2270	192.0
Pour point	ASTM D97	-27.0 °C / -16.0 °F
Flash point	ASTM D92	200.0 °C / 392.0 °F