



# HD 80W-90

**Gearbox and differential lubricant**

**Extreme pressure**

## TYPE OF USE

All mechanical transmission 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.

## PERFORMANCES

STANDARDS                      API GL4 and **GL5** / MIL-L-2105D

Extreme pressure lubricant for an efficient anti wears protection.

Stays in 90 grade after KRL 20 hours shear test as requested by SAE J306 Standard.

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.

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.

## PROPERTIES

Viscosity grade	SAE J 306	<b>80W-90</b>
Density at 20°C (68°F)	ASTM D1298	0.890
Viscosity at 40°C (104°F)	ASTM D445	144 mm <sup>2</sup> /s
Viscosity at 100°C (212°F)	ASTM D445	15.0 mm <sup>2</sup> /s
Viscosity index VIE	ASTM D2270	105
Flash point	ASTM D92	210°C / 410°F
Pour point	ASTM D97	-27°C / -16°F

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 not definitive from the order which is subject to our general conditions of sale and warranty.

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