



# TRANS MB 85W-90

Lubricant for gearboxes, differentials and reduction gears

**Extreme Pressure**

## TYPE OF USE

Specially designed for trucks axles: Mercedes Benz, MAN or ZF (hypoid differential or not, spur gear or helical, wheel reducer, planetary gear, transmission with separated hydrostatic system).

All mechanical transmission, gearboxes, gearbox/differential, transfer gearbox and hypoid differentials without limited slip system operating under shocks, heavy loads and low revolution speed or moderate load and high revolution speed.

## PERFORMANCES

STANDARDS	API GL-5
APPROVALS	MB-Approval 235.0
	MAN 342 Typ M1
	ZF TE-ML 16A/16B/16C / 17A/17B / 19A/19B / 21A

Extreme Pressure lubricant for efficient anti-wear protection.

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

Very high lubricating power which decreases friction and wear.

Viscosity grade 90 at high temperature to provide outstanding oil film resistance at high temperature and to reduce transmission noise.

Suitable for any type of seals.

Anti-corrosion, Anti-foam.

## RECOMMENDATION

Oil change: According to manufacturer's requirements and adjust according to your own use.

## PROPERTIES

Viscosity grade	SAE J306	<b>85W-90</b>
Density at 20°C (68°F)	ASTM D1298	0.898
Viscosity at 40°C (104°F)	ASTM D445	187 mm <sup>2</sup> /s
Viscosity at 100°C (212°F)	ASTM D445	17.2 mm <sup>2</sup> /s
Viscosity Index	ASTM D2270	98
Flash Point	ASTM D92	204°C / 399.2°F
Pour Point	ASTM D97	-24°C / -11.2°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. – Made in France

MOTUL - 119 Bd Félix Faure - 93303 AUBERVILLIERS CEDEX - BP 94 - Tel : 33 1 48 11 70 00 - Fax : 33 1 48 33 28 79. Web Site: [www.motul.com](http://www.motul.com)