

PLATIN TG HC SAE 80W-90

High-performance, multigrade gearbox oil based on HC synthetic oils. Multi-functional use in manual gearboxes and axle drives in passenger cars, heavy-goods vehicles, buses, off-road vehicles and work machines.

Description

PLATIN TG HC SAE 80W-90 is a high-performance gearbox oil of SAE grade 80W-90 produced using HC synthetic oil with a specially selected combination of additives. It is characterised by a high thermal load capacity and provides a stable lubricating film, even under continuous stress.

The quality of this product is equivalent to EU regulations

- SAE J2360
- API GL-4/GL-5/MT-1
- AVTOVAZ
- MACK GO-J
- MAN 341 Type E2/Z2/342 Type M2
- MB 235.0
- MERITOR
- NATO O-226
- SCANIA STO 1:0
- ZF TE-ML 02B, 05A, 07A, 08, 12E, 16B/C/D, 17A/B, 19B, 21A

Additionally this product is recommended when the following filling instructions are required

- MF 1134
- MIL-L-2105D/PRF-2105E
- Volvo 97310/97312

Benefits

- Outstanding protection against wear and corrosion as well as good compatibility with non-ferrous metals
- High level of oxidation protection by means of selected HC synthetic oils and special additives
- Extremely stable to shear stress - 'Stay-in-grade'
- Stable lubricating film, even with very hot oil and under very high loads. As a result, reduced wear and lower gearbox noise
- The favourable cold viscosity in comparison with SAE 90, 85W, 85W-90 oils ensures improved shifting ability, faster lubrication and lower 'cold wear'
- Suitable for non-synchronised and synchronised gearboxes
- It is an ideal 80W90 economy grade product due to its multi-functional application in manual gearboxes, hypoid axle gears, and planetary gearboxes as well as auxiliary drives and steering gearboxes
- Miscible and compatible with conventional and synthetic gearbox oils. However, in order to exploit the full product benefits, a complete gearbox oil change is recommended.

Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.881
Kinematic viscosity KV 40	ASTM D-7042	mm ² /s	119,3
Kinematic viscosity KV 100	ASTM D-7042	mm ² /s	15,0
Viscosity index	ASTM D-7042	-	131
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	198
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-30

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