

Technical Data Sheet

GEARUS XS 80W-90

Gear Oil

Description

GEARUS XS 80W-90 is a synthetically based lubricant for transmissions, which distinguishes itself of the classic, hypoid GL 5-oils, by its multifunctional character and its exceptional oxidation and thermal stability.

It shows a remarkable amelioration of the friction loss in the transmissions and thus has a fuel economy character. Moreover it is absolutely unharmed for the syncromesh-rings and seal materials.

Specifications

SAE	80W-90	MAN	341 ML, 342 ML, 3343 ML
API	GL 4, GL 5, MT-1	ZF	TE-ML 02B, 05A, 07A, 08A, 12A, 16B/C, 17B
MIL	PRF-2105 E	VOLVO	97310
SCANIA	STO 1:0 and 2:0	MB	235.0, 235.1 (level of performance)

Typical characteristics

Test	Method	Unit	Average result
SAE-class			80W-90
Density at 15°C	D 4052	kg / m ³	906
Viscosity at 40°C	D 445	cSt	150
Viscosity at 100°C	D 445	cSt	14,9
Viscosity index	D 2270		99
Flash point COC	D 92	°C	200
Pour point	D 6892	°C	-36

Applications

GEARUS XS 80W-90 is especially recommended for all manual gear boxes and final drives of heavy vehicles and trucks. Owing to its universal character, it can be used without any problems for all transmission parts, where API GL 4- or GL 5-oils are preconised.

By its exceptional resistance against oxidation and favourable influence on oil seals, it is classified as "Long Drain" oil for transmission oils.

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.