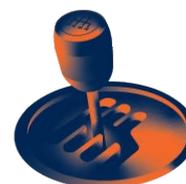


TECHNICAL PRODUCT SHEET

MAX GEAR LS/4X4 90 (85W—90)



DESCRIPTION

MAX GEAR LS/4X4 is specifically formulated for passenger cars and commercial vehicles equipped with limited-slip differentials (LSDs). It meets the functional requirements of multi-disc clutch systems used to control power distribution in final drive units. The formulation combines advanced extreme-pressure protection with carefully balanced friction characteristics, effectively preventing wear, chatter, and axle noise, even under severe load and demanding operating conditions.

APPLICATIONS

MAX GEAR LS/4x4 is especially suitable for service fill applications in four-wheel-drive vehicles, all-road vehicles, and drive axles equipped with limited-slip differentials (LSDs), ensuring reliable performance and protection under demanding operating conditions.

SPECIFICATIONS

API	GL-5	ZF	TE-ML 05C
Military	MIL-L-2105D	ZF	TE-ML 16E
		ZF	TE-ML 21C

PROPERTIES

MAX GEAR LS/4X4 delivers superior oxidative and chemical stability, ensuring consistent performance and lubricant integrity over extended service life. The formulation provides controlled and continuous friction characteristics for reliable operation, while offering robust extreme-pressure (EP) protection under demanding load conditions.

BENEFITS

MAX GEAR LS/4X4 ensures a long oil service life while delivering high differential operating performance. The formulation provides effective wear protection under high pressure and heavy load conditions, contributing to reliable operation and extended component durability.



TECHNICAL PRODUCT SHEET

PHYSICAL-CHEMICAL CHARACTERISTICS

MAX GEAR LS/4X4	METHOD	SAE 90 (85W-90)
Density at 15°C, g/cm ³	ASTM D4052	0.869
Viscosity, Kinematic (cSt) 40°C	ASTM D445	145.0
Viscosity, Kinematic (cSt) 100°C	ASTM D445	14.7
Viscosity index	ASTM D2270	100
Flash point, COC, °C	ASTM D92	219
Pour point, °C	ASTM D97	-21

The above mentioned characteristics represent mean values.

STORAGE

All packages must be stored in covered, well-ventilated areas. If outdoor storage cannot be avoided, barrels must be placed horizontally to prevent water ingress and to protect labels and markings from damage. Products must not be stored at temperatures above 60 °C and must not be exposed to direct sunlight, freezing conditions, or extreme temperature fluctuations.



HEALTH & SAFETY

This product is not considered to pose significant risks to health or safety when used as intended and in accordance with recommended personal hygiene practices. It must not be applied for purposes other than those for which it has been formulated. For detailed guidance on safe handling and use, refer to the Safety Data Sheet (SDS).



USED OILS

Used lubricants must be collected at designated collection points to prevent environmental contamination. They must not be mixed with solvents, brake fluids, or antifreeze.

