



# MULTIGEAR<sup>®</sup> EP

## SAE 90, 140, 85W-140

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### PRODUCT DESCRIPTION

Multigear EP series products are automotive gear oils, formulated with mineral base oils and extreme pressure additives, for differentials and transfer cases lubrication. It's approved by several differentials and vehicles manufacturers.

### CUSTOMER BENEFITS

Multigear EP series provides:

- **Durability of the parts** - extreme pressure additives help preventing wear even under high loads operations.
- **Long oil life** - superior thermal stability and oxidation resistance prevent from sludge and/or deposits formation.
- **Excellent protection against rust and corrosion** - inhibitors additives protect surfaces.
- **Use at different temperatures** (SAE 90 and 85W-140) - multi viscosity characteristic assures good flow at low temperature and suitable lubricating film formation at high temperatures.

### APPLICATIONS

Multigear EP series is recommended for all differentials (helicoid or hypoid gears) applied in trucks, pick-ups, jeeps, vans and buses.

It can also be used in transmissions, mechanical steering, final drives and other applications when required an API GL-5 service category product.

Multigear EP SAE 90 can also be used when required a SAE 85W-90 product, as it meets Brookfield viscosity requirements at -12°C.

Multigear EP series **cannot** be used in limited slip differentials. Multigear LS SAE 85W-140 can be utilized

for this type of differential, when this viscosity grade is indicated by manufacturers.

Multigear EP SAE 85W-140 is approved:

- **Manufacturer's requirements**

- **Dana** – for factory fill of light vehicles and pick-ups differentials
- **Mercedes Benz** - for use in Sprinter vehicles equipped with Albarus M46 Standard differentials, I.S 00-04/12.

Multigear EP SAE 90 is approved:

- **Manufacturer's requirements**

- **Mercedes Benz** DBL 6650.00 - for use in most differentials, transfer cases and mechanical steering boxes.
- **ZF** TE-ML-05A, 16C, 17B, 19B and 21A

Multigear EP series meets:

- **API Service Categories**

- GL-5

- **Military specification**

- **MIL-2105D**

- **Manufacturers Requirements**

- **Volvo** 97310 final drive (SAE 90)

Product(s) manufactured in Brazil.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

A **Chevron** company product

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## TYPICAL TEST DATA

SAE Grade	ASTM Method	90	85W-140	140
<i>Product Number</i>	-	743003	702317	721282
<i>MSDS Number</i>	-	12826BRA	15644	12830BRA
Density at 20°C	D4052	0.9040	0.9038	0.9066
Viscosity, Kinematic cSt at 40°C cSt at 100°C	D445 D445	206.7 18.0	348.0 25.7	438.3 29.4
Brookfield Viscosity, -12°C, cP	D2983	20130	60000	-
Viscosity Index	D2270	95	97	95
Flash Point, COC, °C	D92	220	228	226
Pour Point, °C	D97	-27	-18	-3

Typical test data are average values only. Minor variations which do not affect product performance are to be expected in normal manufacturing.

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