

Fullgear HYP EP Series

Hypoid Gear Oils For Heavy Duty Vehicles



PRODUCT DESCRIPTION

Fullgear HYP EP Series, is a high performance automotive gear oil for hypoid gear systems, differentials and axles under extreme operating conditions. Its special formulation provides superior protection against wear occurring under extreme operating conditions.

APPLICATIONS

- It is suitable to use in hypoid gear systems, differentials and axles under extreme operating conditions.

PERFORMANCES

80W-90

- API GL-5
- MAN 342 M2
- SCANIA STO 1:0
- ZF TE-ML 05A; 07A; 08; 12E; 16B; 16C; 16D; 17B; 19B;21A

85W-140

- API GL-5
- MAN 342 M2
- MIL-L-2105D
- ZF TE-ML 05A, 7A,12E, 16B, 16C, 16D, 21A

CHARACTERISTICS

- Its high load carrying capacity provides effective protection against wear that occurs under high speed and impact load, high speed/low torque and low speed/high torque.
- It is compatible with seals and prevents leakage
- Its advanced additive system controls rust, corrosion and foam formation, so extends service life.
- Its high thermal and oxidation stability prevents sludge formation and improves efficiency.

TYPICAL PROPERTIES

SAE		80W-90	85W-140
Density@15°C, g/ml	ASTM D 4052	0,883	0,907
Viscosity@ 40°C, mm ² /s	ASTM D 445	135,9	466,9
Viscosity@100°C, mm ² /s	ASTM D 445	14,5	29,9
Viscosity Index	ASTM D 2270	106	92
Flash Point, °C	ASTM D 92	240	234
Pour Point, °C	ASTM D 5950	-30	-15

HEALTH AND SAFETY RECOMMENDATIONS

Waste oils must not be discharged into underground or surface water sources, sewage systems or garbage cans. Prolonged or repeated contact with used oils may cause skin diseases. Therefore sterilized gloves should always be used. If part of the skin comes into contact with waste oil, that part should be immediately washed with plenty of soap and water. In case of skin irritation or redness caused by contact, seek advice of your doctor immediately. For more information contact Material Safety Data Sheet (MSDS).

The vehicle and equipment manufacturers specifications and relevant international standards were taken into consideration while preparing the content of this Technical Data Sheet. The expressions in the content of this Technical Data Sheet can not be considered as guarantee commitment or similar way in terms of product characteristics and product use in any applications.

The correct use of this product, compliance with applicable laws and regulations is responsibility of the user. Opet Fuchs Madeni Yağ. San. ve Tic. A.Ş. can not be held responsible for any loss or damage arising from the abnormal use and misuse or any hazards of product content and its results.

This Technical Data Sheet is valid from the date of publication. The information in the content of this Technical Data Sheet are subject to change without notice. Please contact with Opet Fuchs Technical Services Department for more information.