



Gulf Gear XP

Premium Performance Automotive Gearbox Oil

Product Description

Gulf Gear XP series are premium performance gear lubricants designed to provide effective lubrication in a wide range of automotive transmissions. These are formulated from high quality base stocks and proven performance extreme pressure additives to provide reliable protection to gear components against wear and scoring. They offer protection against oxidation degradation and rust & corrosion. The products exceed requirements of Daimler MB 235.1, MAN 341 Typ Z-1 and ZF TE-ML- 02A and 17A for gear oils.

Features & Benefits

- Excellent extreme pressure and antiwear properties protect against wear and scoring leading to lower maintenance costs, enhanced equipment durability and potential for long service life
- High oxidation stability minimises deposit formation facilitating longer gear and bearing life
- Effective rust and corrosion protection reduces wear and extends component life
- Better low temperature fluidity reduces wear at start-up and helps in smoother shifting at low ambient temperatures
- Good anti-foam properties ensure film strength for effective lubrication
- Excellent seal compatibility helps minimise leakages and reduce chances of contamination

Applications

- Heavy duty manual transmissions and axle drives where API GL-4 quality oils are specified
- On-road light and heavy duty trucks, buses, vans and passenger cars
- Off-highway equipment in construction, mining and agriculture
- Other applications involving spiral bevel gears operating under moderate to severe speeds and loads and axles with hypoid gears operating under mild to moderate speeds and loads
- Gulf Gear XP, SAE 80W-90 is also suitable for use in
 - Non power assisted ZF steering systems for cars, commercial vehicles and off-road vehicles.
 - Helical gear drive ZF transmissions for rail vehicles and
 - Transfer & offset ZF transmissions for commercial vehicles under normal operating conditions.
- Not suitable for automatic transmissions

Specifications, Approvals & Typical Properties

Meets the following Specifications		80W	80W-90
API GL-4, MAN 341 Typ Z-1 (Formerly MAN 341 Typ N)		X	X
US MIL-L-2105		X	
ZF TE-ML 08			X
Has the following Approvals			
MAN 341 Typ Z-1 (Formerly MAN 341 Typ N), MB 235.1		X	
ZF TE-ML 02A, 17A		X	X
ZF TE-ML 16A, 19A			X
Typical Properties			
Test Parameters	ASTM Method	Typical Values	
Viscosity at 100 °C, cSt	D 445	9.50	15.5
Viscosity Index	D 2270	100	100
Flash Point, °C	D 92	200	218
Pour Point, °C	D 97	-30	-27
Density @ 15°C, Kg/l	D 1298	0.881	0.896

February 2008

Properties mentioned above are typical only and minor variations, which do not affect the product performances, are to be expected in normal manufacturing. The above information is based on past history of the grade only and must not be construed as a guarantee of performance. Follow equipment manufacturer's recommendations for performance level and viscosity grade. The Material Safety Data Sheet for this product is available from your nearest Gulf Distributor.

Gulf Oil International

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