



## Gulf Gear TX

### Supreme Performance Heavy Duty Automotive Gearbox Oil

#### Product Description

**Gulf Gear TX 75W-80 and 80W-90** are supreme performance manual transmission lubricants specially developed for European heavy duty transmissions used in on-road commercial vehicles and passenger cars. These oils are blended from selected base stocks and advanced additives to provide enhanced gear shiftability, extended service life and excellent protection against component wear & oil seal deterioration. It possesses exceptional load-carrying capability to provide reliable lubrication in applications encountering extreme pressure and shock loading. It also offers effective protection against oxidation degradation and rust & corrosion.

#### Features & Benefits

- Meets the performance requirements of synchromesh transmissions which includes synchromesh compatibility, thermal stability and shift feel
- Excellent extreme pressure and antiwear properties protect against wear and scoring leading to lower maintenance costs and enhanced equipment durability
- Superior oxidation stability minimises high temperature deposit formation facilitating longer gear and bearing life
- Effective rust and corrosion protection reduces wear and extends component life
- Excellent shear stability helps maintain viscosity and film strength during severe operations
- Outstanding 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 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
- Not suitable for automatic transmissions

#### Specifications, Approvals & Typical Properties

Meets the following Specifications		75W-80	80W-90
API GL-4, US MIL-L-2105, Volvo 97305		X	X
MAN 341 Typ Z-3, ZF TE-ML 02D, Renault (in accordance with Renault Note Technique B0032/2 Annex 3), Eaton (Europe) S-series (300,000 km or 3 years), Iveco (ZF transmissions), DAF (ZF transmissions)		X	
Typical Properties			
Test Parameters	ASTM Method	Typical Values	
Viscosity at 100 °C, cSt	D 445	9.20	15.00
Viscosity Index	D 2270	125	100
Flash Point, °C	D 92	225	210
Pour Point, °C	D 97	-45	-30
Density @ 15°C, Kg/l	D 1298	0.872	0.895

July 2011

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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