



## Gulf Gear ST Plus

### High Performance Total Driveline Lubricant Oil

#### Product Description

**Gulf Gear ST Plus** is thermally stable total driveline gear lubricant designed to meet the severe requirements of gearboxes and axle gears of Scania Vehicles. It is blended from severely hydro-processed base oils and advanced & field tested additive technology to provide exceptional protection against thermal degradation, component wear and oil seal deterioration for extended service life. It has 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. It is approved against Scania STO 1:0 for both Gearbox and Axle Gears and also meets the requirements of API GL-5/MT-1, MIL-PRF-2105E, SAE J 2360, MAN M 342 Type M2 and Arvin Meritor 076.

#### Features & Benefits

- Outstanding thermo-oxidative stability minimises deposits to provide longer gear, bearing and seal life and extended drain intervals
- Exceptional load-carrying capability protects against wear in different operating conditions, enhances equipment durability and reduces maintenance costs
- Excellent rust and corrosion protection leads to reduced wear and longer component life
- Effective low temperature fluidity reduces wear and provides easy start-up under 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

- Gearboxes and Axle gears of Scania Trucks, Buses & coaches requiring oils approved against Scania STO 1:0
- On-road and Off-highway transmission applications requiring lubricants meeting any of the following specifications:
  - API GL-5/ MT-1
  - SAE J2360, MIL-PRF-2105E
  - Arvin Meritor 076-D (SAE 80W-90), 076-A (SAE 85W-140)
  - MAN 342 Type M2

Note: Not recommended for automatic transmissions and limited-slip differentials

#### Specifications, Approvals & Typical Properties

Meets the following Specifications		80W-90	85W-140
API GL-5, API MT-1, MIL-PRF-2105E, SAE J 2360,		X	X
MAN 342 Type M2, Scania STO 1:0		X	X
Arvin Meritor 076-D		X	
Arvin Meritor 076-A			X
Has the following Approvals			
Scania STO 1:0 (Gearbox and Axle Gears)		X	X
Typical Properties			
Test Parameters	ASTM Method	Typical Values	
Viscosity at 100 °C, cSt	D 445	15	25
Viscosity Index	D 2270	106	146
Flash Point, °C	D 92	204	213
Pour Point, °C	D 97	-30	-24
Density @ 15°C, kg/l	D 1298	0.858	0.869

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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.

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