



## **Gulf Gear SY**

### *High Performance Heavy Duty Axle Oil*

#### **Product Description**

**Gulf Gear SY** is high performance heavy duty axle oil for hypoid gears in axle drives of commercial vehicles, off-highway equipment and passenger cars. It is blended from severely hydro-cracked base oils and robust performance additives to provide excellent protection to gear components even during high working loads and heavy impacts. Its excellent extreme pressure properties impart high load-carrying capability to provide reliable protection to gear components in applications where extreme pressure and shock loading are encountered. It provides effective protection against oxidation degradation, rust & corrosion and long service life. The product meets the requirements of Volvo Construction Equipment GO 101.

#### **Features & Benefits**

- Excellent extreme pressure and antiwear properties shields against wear under various operating conditions leading to enhanced equipment durability and lower maintenance costs
- Very Good oxidation stability minimises sludge and deposit formation facilitating longer component life and oil service intervals.
- Effective rust and corrosion protection reduces wear and extends component life
- Good low temperature fluidity facilitates ease of operation 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**

- Axles with hypoid gears in heavy duty vehicles where API GL-5 quality oils are specified
- Off-highway equipment in construction, mining and agriculture
- On-road passenger cars, light and heavy duty trucks, buses and vans
- Other heavy-duty applications involving hypoid and other gears operating under severe conditions like high speed/shock load, high speed/low torque and/or low speed/high torque
- Not suitable for automatic transmissions

#### **Specifications, Approvals & Typical Properties**

<b>Meets the following Specifications</b>		<b>75W-90</b>
API GL-5, US MIL-L-2105D		<b>X</b>
Volvo Construction Equipment VCE 1273,16 (Transmission Oil 97316, GO 101)		<b>X</b>
<b>Typical Properties</b>		
<b>Test Parameters</b>	<b>ASTM Method</b>	<b>Typical Values</b>
Viscosity at 100 °C, cSt	D 445	15.1
Viscosity Index	D 2270	181
Flash Point, °C	D 92	204
Pour Point, °C	D 97	-42
Density @ 15°C, Kg/l	D 1298	0.87

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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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