



Gulf Syngear LL

Supreme Performance Heavy Duty Automotive Gearbox Oil

Product Description

Gulf Syngear LL series are fully synthetic supreme performance manual transmission lubricants specially developed for heavy duty transmissions used in on-road commercial vehicles, off-highway equipment and passenger cars operating in most severe conditions. These are blended from synthetic base fluids and advanced technology additive system to provide enhanced gear shift ability, extended service life and excellent protection against component wear & oil seal deterioration. These oils possess outstanding load-carrying capability and high viscosity index to provide reliable lubrication in applications encountering high-speed/shock load and low-speed/high torque conditions and wide temperature ranges. Gulf Syngear LL, SAE 50 is approved as Genuine Roadranger lubricant and SAE 75W-80 and SAE 75W-90 meet the most stringent requirements of Volvo for extended drain intervals.

Features & Benefits

- Meets the performance requirements of synchromesh transmissions which includes synchromesh compatibility, thermal stability and shift feel
- Unique additive technology provides outstanding load bearing characteristics resulting in longer gear and bearing life and hence reduced maintenance costs and enhanced equipment durability
- Exceptional thermo-oxidative stability helps in minimizing high temperature deposit formation and extending the oil life – significantly longer than conventional gear oils
- Effective rust and corrosion protection, especially to copper and its alloys reduces wear, extends synchroniser and bearing life and improves shifting performance
- Outstanding low temperature fluidity reduces wear at start-up and helps in smoother shifting at low ambient temperatures
- Superior frictional properties provide improved fuel economy (SAE 75W-80)
- Excellent seal compatibility helps minimise leakages and reduce chances of contamination

Applications

- SAE 50 is exclusively developed for Eaton Gearbox and is approved as Genuine Roadranger Lubricant in synchromesh gearboxes including those with integrated retarders
- SAE 75W-90 (for ambient temperatures even above 30°C) and 75W-80 (for ambient temperatures even below -25°C) are specially developed for Volvo manufactured manual Transmissions
- Manual Transmission of Heavy Duty On-highway and Off-highway vehicles requiring such quality oils

Specifications, Approvals & Typical Properties

Meets the following Specifications		50	75W-80	75W-90
API MT-1, Eaton Transmission Div., PS-164 R7, ZF Freedomline		x		
Mack TO-A Plus, International Truck TMS 6816, ArvinMeritor 0-81		x		
MAN 341 Type VR			x	
Volvo Transmission Oil 97307 (Volvo STD 1273,07)			x	
Has the following Approvals				
Volvo Transmission Oil 97315-75 (Volvo STD 1273,15)				x
MB-Approval 235.29, Voith Turbo, Retarder - Oil Class C			x	
Typical Properties				
Test Parameters	ASTM Method	Typical Values		
Viscosity at 100 °C, cSt	D 445	17.5	10.25	18.25
Viscosity Index	D 2270	146	144	146
Flash Point, °C	D 92	221	220	235
Pour Point, °C	D 97	<-45	-55	-38
Density @ 15°C, kg/l	D 1298	0.860	0.861	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.

Gulf Oil International

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