



# Gulf Syngear HD

## High Performance Heavy Duty Synthetic Rear Axle Oil

### Product Description

**Gulf Syngear HD** series are fully synthetic thermally stable axle lubricants designed to meet the demanding requirements of heavy duty commercial vehicles and off-highway equipment operating in most severe and varying load conditions. These are blended from synthetic base fluids and advanced technology additive system to provide unmatched protection for extended durability of driveline components. These oils, possessing outstanding load-carrying capability and high viscosity index, provide effective lubrication in applications encountering high-speed/shock load and/or low-speed/high torque conditions and wide temperature ranges. These oils are approved as Genuine Roadranger lubricants and also exceed the requirements of ArvinMeritor and other major global OEM/ industry specifications.

### Features & Benefits

- Unique additive technology provides outstanding load bearing characteristics resulting in longer gear and bearing life and leading to reduced maintenance costs and increased vehicle uptime.
- Exceptional thermo-oxidative stability helps in keeping the gear clean for longer periods 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 life and improves shifting performance
- Outstanding low temperature fluidity reduces wear at start up even under low ambient temperatures
- Exceptional shear stability helps in retaining viscosity and film strength to protect against wear even under severe operating conditions

### Applications

- Exclusively developed for Dana & Eaton Axles and is approved as Genuine Roadranger Lubricant
- SAE 80W-140 is specially developed for off-highway and specialised application type vehicles
- Heavy duty on-highway vehicles and off-highway equipment transmissions, transfer cases, axles and final drives where API GL-5, API MT-1, MIL-PRF-2105E or SAE J 2360 quality oils are specified
- It satisfies most of the Limited Slip requirements for North American Heavy Duty equipment manufacturers. In case of any specific or higher Limited Slip requirements, please contact your local Gulf Representative.
- Not recommended for automatic transmissions

### Specifications, Approvals & Typical Properties

Meets the following Specifications		75W-90	80W-140
API GL-5, API MT-1, MIL-PRF-2105E, SAE J 2360		X	X
ArvinMeritor 076-N,076-E, International TMS 6816		X	X
Eaton Axle Div PS-037, PS-163,		X	X
Mack GO- J Plus, Eaton Axle Div PS-109		X	
ArvinMeritor 076—B, DANA SHAES 256 Rev C			X
Has the following Approvals			
Roadranger Genuine Lubricant (DANA SHAES 256 & 429)		X	
Roadranger Genuine Lubricant (DANA SHAES 429 - Vocational)			X
Typical Properties			
Test Parameters	ASTM Method	Typical Values	
Viscosity at 100 °C, cSt	D 445	16.9	30.6
Viscosity Index	D 2270	152	146
Flash Point, °C	D 92	198	160
Pour Point, °C	D 97	< -45	< -40
Density @ 15°C, kg/l	D 1298	0.891	0.902

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Properties mentioned are typical only and minor variations, which do not affect product performance, are expected to arise in normal manufacturing processes. Please follow equipment manufacturer's recommendations for performance level and viscosity grade. The Safety Data Sheet for this product is available from your nearest Gulf Distributor. Please consult our local representative if any further information is required.

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