



# Gulf Superfleet ELD

## Semi-synthetic Extra High Performance Diesel (XHPD) Engine Oil

### Product Description

**Gulf Superfleet ELD** is semi-synthetic extra high performance diesel engine oil developed to provide outstanding protection to modern high performance diesel engines used in severe applications. It is formulated with advanced additives to provide excellent lubrication and 'Extra Long Drain' intervals. Gulf Superfleet ELD is designed to meet the latest Institutional/ OEM specifications and for use in most demanding heavy duty diesel engines meeting Euro IV emission standards.

### Features & Benefits

- Superior protection against bore polishing ensures longer engine life
- Exceptional deposit control leading to cleaner engine and thereby reduced maintenance costs
- Extended TBN reserve enables prolonged drain interval capability
- High viscosity index facilitates smooth operation over a wide temperature range
- Excellent low temperature fluidity enables easy starting at cold ambient temperatures and offers wear protection at start-up
- High shear stability ensures viscosity control, wear protection and lower oil consumption
- Outstanding detergency provides protection against high temperature deposits

### Applications

- Recommended for use in all low emission turbo charged and naturally aspirated heavy-duty diesel engines meeting Euro IV emission standards manufactured by North American, European and Japanese manufacturers requiring such quality oils
- Suitable for on road applications including light and heavy duty highway and city applications, mining, construction, agriculture and other off road applications
- Depending upon the specific engine model and service conditions, oil change intervals of 100,000 km can easily be achieved

### Specifications, Approvals & Typical Properties

Meets the following Specifications		10W-40
ACEA E4		X
Has the following Approvals		
MB-Approval 228.5		X
MAN Standard M 3277, MTU Oil Category 3		X
Typical Properties		
Test Parameters	ASTM Method	Typical Values
Viscosity @ 100 °C, cSt	D 445	14.5
Viscosity Index	D 2270	146
Flash Point, °C	D 92	228
Pour Point, °C	D 97	-27
TBN, mg KOH/g	D 2896	12.3
Density @ 15°C, Kg/l	D 1298	0.872
Sulphated Ash, wt%	D 874	1.6

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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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