



## Gulf XHD Plus Commercial Vehicle Engine Oil

### Product Description

**Gulf XHD Plus** series are heavy-duty diesel engine oils developed to meet the requirements of a wide range of diesel engines operating under severe conditions. These are formulated from highly refined base stocks and selected additives to provide effective protection to engines operating under various environments. Gulf XHD Plus is suitable for use in different on and off-highway applications where such type of lubricant is recommended.

### Features & Benefits

- Improved detergency helps reduce deposits and keeps engines cleaner
- Better thermo-oxidative stability protects against sludge build-up, deposits & oil degradation and controls oil thickening
- Effective anti wear properties protect engine components against wear to offer extended engine life and reduced maintenance costs
- Good corrosion inhibition properties protects against corrosion and wear

### Applications

- Turbocharged and naturally aspirated diesel engines of all leading engine manufacturers
- On-highway applications including light and heavy duty applications
- Heavy-duty diesel engines used in mining, construction, agriculture and other off-highway road applications

### Specifications & Typical Properties

Meets the following Specifications		30	40	50	20W-40
API CF		X	X	X	X
API SF		X	X	X	X
Typical Properties					
Test Parameters	ASTM Method	Typical Values			
Viscosity @ 100 °C, cSt	D 445	11.15	14.00	18.3	14.50
Viscosity Index	D 2270	100	97	97	115
Flash Point, °C	D 92	236	246	246	244
Pour Point, °C	D 97	-15	-12	-12	-24
TBN, mg KOH/g, min	D 2896	4.40	4.40	4.4	4.40
Density @ 15°C, Kg/l	D 1298	0.892	0.892	0.901	0.892
Sulphated Ash, %wt	D 874	0.61	0.61	1.28	0.61

August 2012

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

The information contained herein is believed to be correct at time of publication. No warranty expressed or implied is given concerning the accuracy of the information or the suitability of the products. Gulf Oil International reserves the right to modify and change its products and specifications without prior notice.

[www.gulfoilltd.com](http://www.gulfoilltd.com)