



MAGNA™ GLOBEUS PREMIUM - XHD

MAGNA™ GLOBEUS PREMIUM XHD— is premium HDEO formulated exclusively from **GROUP II** Base stocks and high-quality additives with a **HIGH TBN** value to provide advance superior lubricant performance with excellent soot thickening control, enhanced shear stability, improved seal compatibility increased wear protection at low temperature. It delivers exceptional performance by superior pumpability at cold start up and delivers exceptional performance at extreme temperatures. It also gives excellent piston cleanliness, protection from bearing corrosion, bore polish control, cylinder liner wear protection and better oxidation stability at higher oil temperatures.

Applications

MAGNA GLOBEUS PREMIUM-XHD Premium quality heavy duty diesel engine oil formulated from highly refined base stock with special POLYMER additives and fluorescent signature which meets the latest stringent performance require DHD-1, CUMMINS, CES-20078, VOLVO VDS-3 and is highly recommended for use in medium, heavy duty diesel engines with EGR. Off road construction machinery, mining industry, farming, marine, and long on highway applications. It is a highly versatile engine oil designed to meet mix fleet operation to save costs.

Features & Benefits

- Provides excellent cold start lubrication to minimize wear.
- High detergent & dispersant properties to minimize carbon deposits.
- Provides extended oil drain intervals and reduces maintenance costs.
- Excellent protection against bore polishing and cam wear.
- Provides strong film for severe operation under severe conditions.
- Helps in low oil consumption.
- Prohibits corrosion and protect against rust.
- Recommended for engines incorporating exhaust gas recirculation system (EGR)
- Exceptional anti-corrosive properties due to "**HIGH TBN**" formulations.
- Greater Oxidation and chemical stability due to high quality hydrocracked **GROUP II** base stocks

Specification: Meets

API CI-4 PLUS

- API Service CI-4 with CI-4 PLUS, CI-4, CH-4, SL
- Cummins CES 20078
- Detroit Diesel DFS 93K214
- Mack EO-N Premium Plus 03
- Mercedes-Benz Sheet 228.3
- Renault VI RLD-2
- Volvo VDS-3
- ACEA E7-04, E5-02, E3-96
- Caterpillar ECF-2, ECF-1-a



- Cummins CES 20077
- Global DHD-1
- MAN 271, 3275
- MTU MTL 5044 Type 2
- Diesel engines manufactured by OEMs not listed above, including International (Navistar), John Deere, Hino, Komatsu, Kubota, and others

Typical Characteristics

GLOBEUS PREMIUM XHD SAE	15W40	10W30
API Grades	CI-4 PLUS	CI-4 PLUS
Density @ 15°C Kg/m ³	887	871
Kinematic viscosity, 40°C cSt	115	81
Kinematic viscosity, 100°C cSt	15.1	12
Color, ASTM D1500	L 4.0	L 4.0
Cold Cranking Viscosity, cP @ -20°C	6400	6300
High-Temp/High-Shear Viscosity, cP @ 150°C	4.3	3.6
Zinc, wt %	0.128	0.122
Viscosity Index	141	144
Flash point, COC, °C	238	226
Pour point, °C, Max	-20	-40
TBN – mgKOH/g	11.8	10.5
Sulphated Ash, %wt	1.5	1

Typical properties are average values only and do not constitute a specification. Minor variations that do not affect product performance are to be expected during normal manufacture, and at different blending locations. Product formulations are subject to change without notification.