

# SuperFleet XHD Engine Oils

*SuperFleet XHD Engine Oils are formulated for use in newer, high-output, low-emission engines, including those with Exhaust Gas Recirculation (EGR) and exhaust after treatment systems with Diesel Particulate Filters (DPFs) and Diesel Oxidation Catalysts (DOCs).*

**SuperFleet XHD Engine Oils** deliver outstanding performance that helps to extend engine life in both new engines and older conventional engines in the most severe on- and off-highway applications. Designed specifically for engines using Ultra Low Sulfur Diesel (ULSD), these oils are formulated with:

- Advanced soot control chemistry
- State-of-the-art wear control
- Exceptional oxidation and thermal protection for operating at extreme temperatures

Recommended for use in heavy-duty service in commercial trucks, construction equipment, farm equipment, stationary engines, and other diesel-fueled engine applications.

**SuperFleet XHD Engine Oils** meet or exceed the following requirements:

- Caterpillar ECF-3
- Cummins CES 20081
- Mack EO-O Premium Plus
- Detroit Diesel 93K218
- Volvo VDS-4
- Mercedes Benz 228.31

Always refer to the vehicle's manual regarding correct viscosity grade and performance level requirements.

### Typical Analysis

Test Description	ASTM Method	15W-40 XHD
API Service Category	J 183	CJ-4/SM
Specific Gravity 15.6°C (60°F)	D 287	0.878
Kinematic Viscosity, cSt @ 40°C	D 445	117
Kinematic Viscosity, cSt @ 100°C	D 445	15.6
Viscosity Index	D 2270	142
CCS Viscosity, cP @ -20°C	D 5293	5800
Flash Point, °C (°F)	D 92	228° (442°)
Pour Point, °C (°F)	D 97	-33° (-36°)
Sulfated Ash, mass %	D 874	1.0
Revised 7/2015	Note: Typical Analysis data is representative of average values, minor variations which do not affect performance may occur.	

