



# XLO Heavy Duty Fleet Engine Oil 10W-30

(September 2021 edition)

**AMALIE XLO Heavy Duty Fleet Engine Oil 10W-30** delivers superior long-lasting protection for both turbocharged and naturally aspirated diesel and gasoline engines, including those engines that have exhaust gas recirculation (EGR) systems. Advanced additive systems as well as rigorous laboratory and field testing have proven that **AMALIE XLO Heavy Duty Fleet Engine Oil** is up to the task of protecting your engine. It is specifically engineered to meet OEM prerequisites for performance, TBN, and balanced ash requirements. It is formulated for extended service/extended drain when operated under typical operating conditions and is engineered to help promote fuel economy.

**AMALIE XLO Heavy Duty Fleet Engine Oil 10W-30** exceeds the CI-4/SL API Service Classification and is backwards compatible to previous CH-4, CG-4, CF-4 classifications; Global DHD-1; and JASO DH-1. It is recommended for use wherever MIL L 2104-G or MIL L 46152-E, MACK EO-M Plus, MAN M 3275, Cummins CES 20078, MB 229.1, DDC 93K215, ACEA E7 are recommended or required. Please see the application guide for an extended listing of applicable uses.

## Benefits

- High Soot Handling
- Improved Sludge Control
- Excellent Protection for Metal Components from Rust, Corrosion, and Wear
- Superior Protection Across a Wide Temperature Operating Range
- Shear Stable Formulation

## Typical Physical and Chemical Properties

Viscosity Grade.....	10W-30
Kinematic Viscosity @100°C, cSt.....	10.5
Kinematic Viscosity @40°C, cSt.....	70
Viscosity Index.....	135
Cold Cranking Viscosity, cP @ (-25°C).....	5300
Flash Point, °C (°F).....	210 (410)
Pour Point, °C (°F).....	-36 (-32.8)
Density, S.G.....	0.87
Sulfated Ash, Wt%.....	1.3
TBN, mgKOH/g.....	10.5

Typical values are listed. Variations not affecting the performance of this fluid may occur during production however; these variations will not fall outside of set specification parameters.

**Application Chart on Page 2.**

**XLO Heavy Duty Fleet Engine Oil 10W-30**

**Application Chart**

SPECIFICATIONS	XLO 10W-30 HD Fleet
<b>API:</b>	
CI-4, CH-4, CG-4, CF-4	√
SL, SJ	√
<b>Allison</b>	
C-4, C-3	√
<b>Mil-PRF</b>	
L-2104G, Mil-L-46152E	√
<b>Caterpillar</b>	
TO-2, ECF-2, ECF-1-A	√
<b>Mack</b>	
EO-M Plus, EO-N Premium Plus	√
<b>Cummins</b>	
20078, 20077, 20076	√
<b>JASO</b>	
DH-1	√
<b>Navistar</b>	
TSI-99-12	√
<b>Detroit Diesel</b>	
DDC 93K215, Oil Category 2	√
<b>Daimler</b>	
MB 229.1, 228.3, 228.2	√
<b>Global</b>	
DHD-1	√
<b>ACEA</b>	
E7	√
A3/B4	√
<b>Volvo</b>	
VDS-3, VDS-2	√
<b>Renault</b>	
RLD-2, RLD	√
<b>Duetz</b>	
DQC III-10	√
<b>Man</b>	
3275	√
<b>MTU</b>	
Type 2	√
<b>Voith</b>	
Class A	√

Please consult AMALIE Technical Services or your local representative for a full listing of applications.