AMALIE

Better than it has to be®
Since 1903

XLO

HEAVY DUTY FLEET
SAE 10W-30

MOTOR OIL
API: CI-4/SL

BENEFITS:

» Excellent Protection for Metal Components from Rust, Corrosion, and Wear

» Superior Protection Across a Wide Temperature Operating Range

» Shear Stable Formulation

» High Soot Handling

» Improved Sludge Control

AMALIE ALAS+ (AMALIE Lubricant Analysis System) is AMALIE's used oil analysis program designed exclusively for AMALIE XLO, AMALIE XLO Ultimate and AMALIE Super XLO Ultimate customers. It allows them to get an inside look at what is going on in their engine. ALAS+ measures wear metals, contaminants, viscosity and other used oil characteristics to help prevent component failure, determine optimum drain intervals and help to reduce fuel costs. ALAS+ is a comprehensive analysis program using the most modern laboratory equipment available, that provides valuable information about your engine's condition every time the oil is changed for the life of the equipment. ALAS+ supplies clear concise analytical reports in a timely fashion that include the necessary data needed to help you successfully manage your highly expensive equipment investment.

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MADE IN U.S.A.

For Diesel and Gasoline Engines

HEAVY DUTY FLEET

API SERVICE CI-4/SL
SAE 10W-30

AMALIE XLO Heavy Duty Fleet 10W-30 Engine Oil 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 10W-30 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 10W-30 Engine Oil 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.

Always consult your vehicle's owner's manual when selecting the appropriate viscosity and service grade.

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.

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

Technical Services: • (800) 368-1264 • techservices@amalie.com

XLO HEAVY DUTY FLEET

VISCOSITY	PACK SIZE	PART #
10W-30	5 Gallon Pail	160-71774-25
	55 Gallon Drum	160-71773-05

Always refer to your vehicles operating manual to select the correct grade of oil for your engine. The data presented herein are believed to be accurate; however, Amalie Oil Company shall not be liable for its content and makes no warranty with respect thereto.

Health and Safety
Safety Data Sheets (SDS) are available from your sales representative or at AMALIE.com.

APPLICATION CHART

SPECIFICATIONS	XLO 10W30 HD Fleet
API	
CI-4, CH-4, CG-4, CF-4	√
SL, SJ	√
Allison	
C-4, C-3	√
Mil-PRF	
L-2104G, Mil-L-46152E	√
Caterpillar	
TO-2, ECF-2, ECF-1-A	√
Mack	
EO-M Plus, EO-N Premium Plus	√
Cummins	
20078, 20077, 20076	√
JASO	
DH-1	√
Navistar	
TSI-99-12	√
Detroit Diesel	
DDC 93K215, Oil Category 2	√
Daimler	
MB 229.1, 228.3, 228.2	√
Global	
DHD-1	√
ACEA	
E7	√
A3/B4	√
Volvo	
VDS-3, VDS-2	√
Renault	
RLD-2, RLD	√
Duetz	
DQC III-10	√
Man	
3275	√
MTU	
Type 2	√
Voith	
Class A	√