

AMALIE®

Better than it has to be®
Since 1903



Super
XLO®
Ultimate

**FULL
SYNTHETIC**

**SAE
5W-30**

MOTOR OIL ACEA E4 16 TBN

BENEFITS:

- » Improved Sludge Control
- » Excellent Protection for Metal Components from Rust, Corrosion and Wear
- » Superior Oxidation Stability
- » Extended Drain Capabilities*
- » Shear Stable Formulation
- » Exceptional Oil Consumption Control
- » Lasting TBN Retention
- » Excellent Low Temperature Pumpability

*Extended drain intervals should be determined through a used oil analysis program such as the AMALIE Lubricant Analysis Program.

AMALIE ALAS+ (AMALIE Lubricant Analysis System) is AMALIE's used oil analysis program designed exclusively for AMALIE XLO and AMALIE 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.



For Diesel and Gasoline Engines

MADE IN U.S.A.



AMALIE Super XLO Ultimate Full Synthetic High-SAPS ACEA E4 16 TBN 5W-30 is a full synthetic high-SAPS diesel engine oil designed for use in severe duty, long drain applications. It is formulated to exceed the requirements of ACEA, API and OEM specifications. This oil is intended for engines without particulate filters. It can also be used in some vehicles with Selective Catalytic Reduction (SCR) and Exhaust Gas Recirculation (EGR) systems.

AMALIE Super XLO Ultimate Full Synthetic High-SAPS ACEA E4 16 TBN 5W-30 is recommended for use in a wide range of heavy-duty applications and operating environments found on-and off-highway, including engines operating under heavy loads. It is formulated for extended service/extended drain when operated under typical operating conditions. It offers improved TBN retention, lower oil consumption, greater wear protection, oxidation stability, excellent shear stability, and reduced high temperature deposits.

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

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Viscosity Grade.....	5W-30
Kinematic Viscosity @100°C, cSt.....	12.1
Kinematic Viscosity @40°C, cSt.....	74.1
Viscosity Index.....	160
Flash Point, °C (°F).....	220 (428)
Pour Point, °C (°F).....	-42 (-43.6)
Density, S.G.....	0.854
Sulfated Ash, Wt%.....	1.9
TBN, mgKOH/g.....	16.0

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

SUPER XLO ULTIMATE FULL SYNTHETIC

VISCOSITY	PACK SIZE	PART #
5W-30	55 Gallon Drum	160-75263-05

APPLICATION CHART

SPECIFICATIONS	Super XLO Ultimate 5W-30
ACEA	
E4, E7	✓
API	
CI-4, CH-4, CG-4, CF-4	✓
Caterpillar	
ECF-2	✓
Cummins	
CES 20076, CES 20078	✓
Daimler (MB)	
228.5	✓
Deutz	
DQC IV-10	✓
Global	
DHD-1	✓
Iveco	
18-1804 FE	✓
JASO	
DH-1	✓
Mack	
EO-N Premium Plus, EO-M Plus	✓
MAN	
M 3277, 3377	✓
MTU	
Type 3	✓
Renault	
RLD-4, RLD-3	✓
Volvo	
VDS-4.5, VDS-4, VDS 3	✓

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.