



Low Ash Natural Gas 15W-40 Engine Oil

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AMALIE Low Ash Natural Gas Engine Oil 15W-40 is a balanced dispersant-inhibited multifunctional formulation that provides superior deposit control and protection against wear. The low ash formulation exceeds OEM requirements and provides excellent control of deposits, wear and oil oxidation and nitration. This formulation is recommended for most four-cycle and some two-cycle engines fueled by natural or synthetic gas. It is formulated to meet API CF, CD service category.

AMALIE Low Ash Natural Gas Engine Oil 15W-40 is formulated to exceed the requirements of API the API CF and CD service categories as well as specification ESN 20074. It is recommended for American Heavy Duty OEM manufactures including Cummins L10, B and C series engines, DDC series 50, Caterpillar, and John Deere. In addition, this formulation is robust and recommended for European Heavy Duty specifications including MB do Brasil, Daimler Benz, Volvo, Scania, and MAN.

Benefits

- Excellent Protection for Metal Components from Rust, Corrosion and Wear
- Superior Oxidation Stability
- Shear Stable Formulation
- Expanded Control Over Oil Nitration

Typical Physical and Chemical Properties

Viscosity Grade.....	15W-40
Kinematic Viscosity @100°C, cSt.....	14.8
Kinematic Viscosity @40°C, cSt.....	110.0
Viscosity Index.....	140
Flash Point, °C (°F).....	235(455)
Pour Point, °C (°F).....	-30(-22)
Density, S.G.....	0.88
Sulfated Ash, Wt%.....	<0.5
TBN, mgKOH/g.....	5.5

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.

Recommendations

Cummins ESN 20074, L10, B and C series engines, DDC series 50, Caterpillar, John Deere, MB do Brasil, Daimler Benz, Volvo, Scania, MAN, Waukesha
Please consult AMALIE Technical Services or your local representative for a full listing of applications.