

FS Low Ash Severe Duty SAE 40 Oil

Description

FS Low Ash Severe Duty SAE 40 Oil is a premium, low ash natural gas engine oil formulated for severe engine conditions in renewable energy and clean fuel applications.

FS Low Ash Severe Duty SAE 40 Oil is formulated with a unique combination of detergents and antioxidants to provide excellent deposit control and prevent valve recession. FS Low Ash Severe Duty SAE 40 Oil is designed to protect engines against the negative effect of siloxanes in landfill gas and neutralize bio-acids that are generated in biogas and wastewater applications. FS Low Ash Severe Duty SAE 40 Oil provides noticeably cleaner performance with less deposits and varnish and enables extended drain intervals for reduced maintenance costs.

FS Low Ash Severe Duty SAE 40 Oil is blended with high quality base oils and unique additives to provide unequalled engine protection and extended oil life*, even under the most severe engine conditions.

Features and Benefits:

- Unique salicylate detergent technology provides superior cleanliness, improved oxidation resistance and Base Number durability to protect against acidic corrosive wear
- World-class dispersants, antioxidants and anti-wear agents for enhanced protection under severe operating conditions
- Low ash formulation provides excellent deposit control to reduce spark plug fouling
- Formulated for extended oil life and improved cylinder head life
- Excellent oxidation and nitration resistance for compression service
- Formulated to reduce valve guttering and torching, reduce oil thickening and mitigate cylinder liner wear
- Formulated for catalyst compatibility

Applications and Successful Field Demonstrations:

Biogas Service:

- Guascor FDLG180

Landfill Service:

- Caterpillar G3516
- Caterpillar G3520B

Compression Service (clean fuel):

- Caterpillar G3516
- Waukesha VHP L5794
- Waukesha VHP L7042
- Waukesha VHP L7044

*Always refer to the Original Equipment Manufacturer (OEM) owner's manual and utilize Used Oil Analysis if looking to extend oil drain intervals (ODIs).

Product Availability:

55 Gallon Drums

265 Gallon Totes

Bulk



Typical Properties:

Test / Description	Specification
SAE Grade	40
Viscosity at 100°C D445, mm ² /s	13.2
API Gravity, D4052	29.5
Base Number, D2896, mgKOH/g	5.8
Acid Number, D664, mgKOH/g	2.0
Boron, D5185, ppm	100
Calcium, D5185, ppm	1100
Nitrogen, D5762, ppm	850
Phosphorous, D5185, ppm	250
Zinc, D5185, ppm	270
Sulfated Ash, D874, m%	0.46