



Technical Data Sheet

Updated: 4/5/2018

HOT SHOT'S SECRET GREEN DIAMOND FLEET 15W-40 SEMI SYNTHETIC Ultimate Engine Oil

Product Overview

Green Diamond Fleet 15W-40 is a synthetic blend of Group II and Group III base oils. This blend incorporates our patented FR3 Nano-Technology and CK-4 additive package to provide unsurpassed levels of cleanliness, longevity, fuel mileage and horsepower. Green Diamond Fleet 15W-40 was formulated to meet severe operating conditions such as hauling heavy loads, stop and go and operation in areas of high airborne particulates.

Green Diamond Fleet 15W- is a fully formulated CK-4 motor oil with high detergency, exceptional oxidation and thermal stability that prevents deposit formation and oil breakdown making longer drain intervals possible. In addition to exceeding the API CK-4 specification, Green Diamond Fleet 15W-40 meets the requirements from Ford for added wear protection as stated in Ford Specification WSS-M2C171-F1. Not all CK-4 specification oils meet both the CK-4 and the Ford specifications.

Applications and Uses

Green Diamond Fleet 15W-40 is recommended for heavy-duty trucks, agriculture, construction and industrial equipment, drilling rigs, stationary engines, turbo charged and racing engines. The CK-4 specification is backwards compatible with CJ-4, CI-4 and CI-4 Plus specification oils.

Green Diamond Fleet 15W-40 is formulated for cold temperature as well as extreme high temperature service. Green Diamond Fleet 15W-40 can be used in any application to replace conventional, semi-synthetic and synthetic 15W-40 oils in diesel engines.

OEM Performance

Caterpillar ECF-1, ECF-2 and ECF-3
Detroit Diesel DDC93K218, DDC93K222
Cummins CES 20081, CES 20086
Mack EO-O Premium Plus, EOS-4.5
Deutz DQC III-10 LA
API CK-4, CJ-4, CI-4, CI-4 Plus
Ford WSS-M2C171-F1
Volvo VDS-4, VDS-4.5
ACEA E7-12, E9-12
MB 228.31
MAN 3575
JASO DH-2
Renault VI RLD-3, RLD-4



Benefits

- Improves fuel economy up to 3%
- 71% less wear than CJ-4 spec oils
- Improves power
- Increases film strength
- Improves oxidation stability by 17% compared to CJ-4
- Improves aeration control
- Widens operating temperature range
- 46% better soot handling than CJ-4
- Anti-rust protection
- Reduces DPF plugging
- Reduces shearing
- Reduces friction
- Reduces sludge formation
- Reduces noise and vibration
- Severe service oil
- Extends oil change interval
- Extends injector, turbo and engine life

Green Diamond Fleet 15W-40 should be changed per the manufacturer’s recommended specifications and will result in less wear and higher fuel mileage compared to its leading competitors.

Packaging

Available in:

- 1 quart bottle
- 1 gallon jug
- 5 gallon bucket
- 55 gallon drum

Typical Properties

Property	Test Method	Result
Total Base Number, mg/g	D-2896	9.7
Sulfated ash, %	D-874	1.0
Cold Cranking at -20°C, cP	D-5293	5790
Viscosity at 40°C, cSt	D-445	121.2
Viscosity at 100°C, cSt	D-445	15.7
Noack Volatility, wt %	D-5800	10
Minimum flash point, °C (°F)	D-92	212°C (414°F)
Stable pour point, °C (°F)	D-97	-29°C (-20°F)

The Safety Data Sheet is available at <http://www.hotshotsecret.com/print-documents/>