



## Technical Data Sheet

Updated: 6/6/2019

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

**Product Overview** 15W-40 Green Diamond Fleet is a 100% full synthetic using only Group III base oils. The infusion of our patented FR3 Nano Technology and CK-4 additive package provides unsurpassed levels of longevity and performance, while keeping the oil cleaner longer and providing better mileage and horsepower. 15W-40 Green Diamond Fleet was formulated to meet severe operating conditions such as hauling heavy loads, stop and go and operation in areas of high airborne particulates.

15W-40 Green Diamond Fleet is fully formulated CK-4 motor oil with high detergency plus exceptional oxidation and thermal stability, preventing deposits and oil breakdown and making longer drain intervals possible. In addition to exceeding the API CK-4 specification, the 15W-40 Green Diamond Fleet 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 specification.

**Applications and Uses** 15W-40 Green Diamond Fleet 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.

**OEM Performance** *Caterpillar* ECF-1-a, ECF-2 and ECF-3  
Chrysler MS10902  
Detroit Diesel DDC93K218, DFS93K222, DDC93K215, DDC93K214  
Cummins CES 20081, CES 20086  
Mack EO-O, EOS-4.5  
Deutz DQC III-10 LA  
API CK-4, CJ-4, CF, CI-4 Plus  
Ford WSS-M2C171-F1  
Volvo VDS-4, VDS-4.5, VDS-3  
ACEA E7, E9  
MB 228.31  
MAN 3575



MTU Type 2.1, Type I & II  
JASO DH-2  
Renault RLD-3, RLD-4

**Benefits**

- Improves Cold Weather Starting compared to Conventional Oils
- Improves Fuel Economy up to 3%
- Lowers Oil Consumption 78% over CJ-4 Spec Oils
- 71% Less Wear Compared to CJ-4 Spec Oils
- Improves Power
- Increases Film Strength
- Improved Oxidation Stability
- Improved Aeration Control
- Handles Soot 46% better than CJ-4
- Widens Operating Temperature Range
- Anti-Rust Protection
- Reduces DPF Plugging
- Reduces Shearing
- Reduces Friction
- Reduces Deposit Formation
- Reduces Noise and Vibration
- Extends Oil Change Interval
- Extends Injector, Turbo and Engine Life

15W-40 Green Diamond Fleet can be run up to 2 times longer than the manufacturer’s recommended specifications with less wear and higher fuel mileage than other oils. An oil analysis should be performed every 5,000 miles to ensure your oil is in spec. Your oil filter should be changed at the manufacturer’s recommended interval even if your oil is in spec.

**Packaging**

Available in:

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

**Typical Properties**

Property	Test Method	Result
Total Base Number, mg/g	D-2896	10.0
Sulfated ash, %	D-874	1.0
Cold Cranking at -20°C, cP	D-5293	5050
Viscosity at 40°C, cSt	D-445	113.20
Viscosity at 100°C, cSt	D-445	15.4
Noack Volatility, wt %	D-5800	4.8
Minimum flash point, °C (°F)	D-92	250°C (482°F)
Stable pour point, °C (°F)	D-97	-38°C (-36°F)

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