



# Lubricity Enhancement Solutions

REAL™ Fuel System Protection

Many of today's applications using fuels such as JP8, Jet A, Kerosene, winter blends, and ULSD require additional lubricity protection to reduce friction and wear in fuel pumps. When this extra safeguard is needed, Fleetguard® products offer maximum lubricity enhancement to protect the fuel system and improve engine performance.



FS20000 Pat. #: 6,860,241; 6,238,554; 6,835,218

FS20022 Pat. #: 7,156,991; 7,153,422

FA15700 Pat. #: 7,297,256

## REAL Value

- Extends fuel system life
- Reduces fuel pump wear
- Lowers operating costs
- Increases engine uptime

## REAL Options

- Controlled-release lubricity dosers with and without filtration
- Liquid fuel additives providing lubricity and other performance enhancers

## Easy To Service

- Worry-free maintenance with accurate on-board dosers
- Liquid additives easy to include in regular maintenance regimen

## Applications

- Military using JP8 fuel
- Airport ground support using Jet A fuel
- Applications using fuels that include Kerosene, Winter Fuel blends and ULSD

# REAL™ Options.

## Liquid Solutions

We offer two proprietary fuel additive packages that meet lubricity requirements of injector pump manufacturers. These products contain chemistry that further enhances fuel system performance. Both are ULSD certified and effective with all types of diesel fuel including biodiesel blends.

### Asphaltene Conditioner

- Provides thermal stability of diesel fuel
- Cleans fuel injectors
- Prevents filter plugging
- Reduces emissions
- Optimizes fuel economy and horsepower
- Provides fuel system corrosion protection



Part #	Description	Package Size
CC2596	Concentrate	2/ 2.5 Gal. Bottles
CC2559	Concentrate	Bulk
CC2598	Base	12/ 1 Pint Bottles
CC2597	Base	12/ 1 Quart Bottles (0.94 L)
CC2549	Base	5 Gal. Pail (18.92 L)
CC2550	Base	55 Gal. Drum (208 L)
CC2589	Base	Bulk

Concentrate Treat Rate: 2.5 Gal.: 7,500 Gal. (9.46: 28,380 L)  
 Base Treat Rate: 1 Gal.: 1,000 Gal. (3.78: 3,785 L)

### Turbo Diesel All Season Fuel Additive

- Prevents fuel line freeze
- Cleans fuel injectors (meets Cummins L10 spec)
- Reduces exhaust emissions
- Optimizes fuel economy
- Inhibits corrosion
- Boosts cetane—reduces hard starts
- Lowers Cold Filter Plugging Point (CFPP)



Part #	Package Size
CC2588	1 Pint (US)
CC2699	Pallet Quantity, 1080/1 Pint Bottles

Treat Rate: 1 Pint: 30-50 Gal. (0.47: 113-190 L)

## On-Board Dosing Systems

To introduce lubricity additive into the fuel, choose from our patented Fleetguard spin-on or remote-mount slow release dosers, all of which are compatible with ULSD and biodiesel up to B20.

### 250 Hour Filter – FS20000\*

- 98% filter efficiency @ 5 microns
- Superior StrataPore™ fuel/water separation
- Remote mount installations only
- Required for Cummins B Series Tier 2 engines in Jet A & JP8 applications
- Fuel flow rate of 60 GPH (3.786 L/min)

\* Head Assembly – Part# 3938173S



### 500 Hour Filter – FS20022\*

- 98% filter efficiency @ 25 microns
- High efficiency fuel/water separation
- Engine and remote mount installations
- Required for Cummins B Series Tier 3 engines in Jet A & JP8 applications
- Fuel flow rate of 26.6 GPH (1.68 L/min)

\* Head Assembly with Filter – Part# 3951006S



### Doser – FA15700\*

- 250 Hours: In applications having a filter flow rate of 17.75 GPH (1.12 L/min)
- 500 Hours: In applications having a filter flow rate of 13.47 GPH (0.85 L/min)
- Engine and remote mount installations
- Contains no filter media
- Meets specs in ASTM D975 for most Jet A and JP8 fuels

\* Head Assembly – Part# 3957451S



**NOTE:** Please refer to our Technical Catalog for additional information on these products.



For more information, visit [cumminsfiltration.com](http://cumminsfiltration.com)

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