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.

**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

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™ 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

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.

Turbo Diesel All Season Fuel Additive
- Prevents fuel line freeze
- Cleans fuel injectors
- Reduces exhaust emissions
- Optimizes fuel economy
- Inhibits corrosion
- Boosts cetane—reduces hard starts
- Lowers Cold Filter Plugging Point (CFPP)

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

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<tr>
<td>CC2588</td>
<td>1 Pint (US)</td>
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<tr>
<td>CC2699</td>
<td>Pallet Quantity, 1080/1 Pint Bottles</td>
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Treat Rate: 1 Pint: 30-50 Gal. (0.47: 113-190 L)

Turbo Diesel All Season Fuel Additive
- Concentrate
- Bulk

Fuel Additives for the REAL™ World

Filtration
For more information, visit cumminsfiltration.com

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CUMMINS

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