Unrivalled Friction Durability and Torque Capacity for Japanese and Korean Automatic Transmissions
HiTEC® 2018 ATF Additive Package

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Key Performance Benefits

HiTEC® 2018 additive offers significantly better friction durability performance than any other commercial Asian ATF additive, giving customer benefits of:
- Longer service intervals reduces operational costs
- Smoother shifting, which improves driver comfort
- Better fuel economy, which reduces running costs

HiTEC® 2018 additive also maintains a constant high level of torque capacity over time. Benefits include:
- Efficient power transfer, which improves fuel economy
- Consistent torque, which improves vehicle acceleration

HiTEC® 2018 additive offers significant corrosion and wear performance improvements over other Asian ATFs:
- Corrosion performance, which extends component life
- Wear performance, which extends service intervals

Recommended Dosage

The recommended treat-rate of HiTEC® 2018 additive is 15.3% wt. in high quality, low viscosity base stocks. Please contact your Afton Chemical representative for specific recommendations.

Typical Characteristics

Appearance: Dark brown liquid
Density at 15°C, g/ml: 0.919
Flash Point, °C (PMCC): 130 min
Kinematic Viscosity at 100°C, mm²/s: 145

Handling Information

Max Handling Temp: 70°C
Shelf Life: 18 months at ambient temperature

Afton Product Comparison

<table>
<thead>
<tr>
<th>Performance</th>
<th>Benefit</th>
<th>Economic</th>
<th>Standard</th>
<th>Premium</th>
<th>Top</th>
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<td></td>
<td></td>
<td>HiTEC® 410</td>
<td>HiTEC® 419</td>
<td>HiTEC® 429</td>
<td>HiTEC® 2414</td>
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<tr>
<td>Oxidative stability</td>
<td>Fluid life, lower parts wear</td>
<td>Good</td>
<td>Good</td>
<td>Better</td>
<td>Better</td>
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<tr>
<td>Friction durability</td>
<td>Fluid life</td>
<td>Good</td>
<td>Good</td>
<td>Better</td>
<td>Better</td>
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<tr>
<td>Shear stability</td>
<td>Lower parts wear</td>
<td>Good</td>
<td>Good</td>
<td>Better</td>
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<tr>
<td>Low temp. performance</td>
<td>More efficient cold-starting</td>
<td>Good</td>
<td>Good</td>
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<tr>
<td>Treat-rate</td>
<td>Fluid cost</td>
<td>Good</td>
<td>Good</td>
<td>Better</td>
<td>Better</td>
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<tr>
<td>Range of OEM specs</td>
<td>Inventory, logistics</td>
<td>Good</td>
<td>Good</td>
<td>Better</td>
<td>Better</td>
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</tbody>
</table>

Unrivalled Friction Durability and Torque Capacity

Ford Torque Capacity Test

- Wear performance, which extends service intervals
- Corrosion performance, which extends component life
- Efficient power transfer, which improves fuel economy
- Better fuel economy, which reduces running costs
- Smoother shifting, which improves driver comfort
- Longer service intervals reduces operational costs
- Efficient cold-starting
- Fluid life, lower parts wear
- Low parts wear
- Fluid life
- Lower parts wear
- More efficient cold-starting
- Fluid cost
- Inventory, logistics

Afton Product Comparison

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