DRIVELINE

HiTEC® 2018LV
ATF Additive Package

Unrivalled Friction Durability and Torque Capacity for Japanese and Korean Automatic Transmissions
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**Key Performance Benefits**

HiTEC® 2018LV additive was specifically developed to allow easy formulation of high performance, low viscosity ATFs for use in Japanese and Korean passenger cars, equipped with 6-speed and higher step-type automatic transmissions.

HiTEC® 2018LV additive provides significantly better friction durability and torque capacity retention than many other commercially available Asian ATFs. Customer Benefits include:

- Longer service intervals reduces operational costs
- Smoother shifting, which improves driver comfort
- Better fuel economy, which reduces running costs
- Efficient power transfer, which improves fuel economy
- Consistent torque, which improves vehicle acceleration

HiTEC® 2018LV additive also provides significant corrosion and wear performance improvements than other Asian ATFs, and is suitable for use in hybrid transmissions.

- Corrosion performance, which extends component life
- Wear performance, which extends service intervals

**Recommended Dosage**

The recommended treat-rate of HiTEC® 2018LV additive is 16.3% 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: 0.915
Flash Point, °C (PMCC): 130 min
Kinematic Viscosity at 100°C, mm²/s: 73

**Afton Product Comparison**

<table>
<thead>
<tr>
<th>Performance</th>
<th>Benefit</th>
<th>Economic HITEC® 410</th>
<th>Standard HITEC® 419</th>
<th>Standard HITEC® 429</th>
<th>Premium HITEC® 2414</th>
<th>Premium HITEC® 481</th>
<th>Premium HITEC® 2018</th>
<th>Top HITEC® 4014</th>
<th>Top HITEC® 3491LV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oxidative stability</td>
<td>Fluid life, lower parts wear</td>
<td>Good</td>
<td>Good</td>
<td>Better</td>
<td>Better</td>
<td>Better</td>
<td>Better</td>
<td>Best</td>
<td>Best</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>
<td>Better</td>
<td>Best</td>
<td>Best</td>
<td>Best</td>
</tr>
<tr>
<td>Shear stability</td>
<td>Lower parts wear</td>
<td>Good</td>
<td>Better</td>
<td>Better</td>
<td>Better</td>
<td>Best</td>
<td>Best</td>
<td>Best</td>
<td>Best</td>
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<tr>
<td>Low temp. performance</td>
<td>More efficient cold-starting</td>
<td>Good</td>
<td>Good</td>
<td>Better</td>
<td>Better</td>
<td>Best</td>
<td>Best</td>
<td>Best</td>
<td>Better</td>
</tr>
<tr>
<td>Treat-rate</td>
<td>Fluid cost</td>
<td>Best</td>
<td>Best</td>
<td>Better</td>
<td>Good</td>
<td>Good</td>
<td>Good</td>
<td>Good</td>
<td>Good</td>
</tr>
<tr>
<td>Range of OEM specs</td>
<td>Inventory, logistics</td>
<td>Good</td>
<td>Good</td>
<td>Better</td>
<td>Best</td>
<td>Best</td>
<td>Best</td>
<td>Best</td>
<td>Better</td>
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</tbody>
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**Approvals**

<table>
<thead>
<tr>
<th>Product</th>
<th>ATF Specifications</th>
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</thead>
<tbody>
<tr>
<td>HITEC® 2018LV</td>
<td>2 2 2 2 2</td>
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</tbody>
</table>

**Handling Information**

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