HiTEC® 353
Automotive Gear Oil Additive Package

Top Tier, For Manual Transmissions
HiTEC® 353 Automotive Gear Oil Additive Package

Top Tier, For Manual Transmissions

Key Performance Benefits

HiTEC® 353 additive has been developed for formulating top tier transmission oils to meet the latest extended drain specifications of European OEM’s. Based on ZDDP chemistry, this additive has high thermal stability coupled with established friction modification required for the modern synchronised transmission designs.

HiTEC® 353 additive provides:

- A top tier transmission oil additive designed to meet the demanding OEM requirements for extended drain transmissions in commercial vehicles
- High thermal stability for extended drain performance
- Finished fluid with low chlorine content minimizing impact on the environment
- Solubility in hydrocracked and synthetic base stock
- Balanced friction modifier system to give good shift-feel quality and synchroniser engagement

Recommended Dosage

<table>
<thead>
<tr>
<th>Automotive</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>7.5% wt.</td>
<td>To meet target OEM profiles</td>
</tr>
<tr>
<td></td>
<td>API GL-4, Volvo 1273.07</td>
</tr>
</tbody>
</table>

Treat-rates may vary depending on base stock.

Typical Characteristics

Appearance: Dark brown oily liquid
Density @ 15°C, g/ml: 0.97
Flash Point, °C (PMCC): 135 min.
Kinematic Viscosity @ 100°C, mm²/s: 27
TBN, mg Koh/g: 72

Handling Information

Max Handling Temp: 70°C
Shelf Life: 24 months @ ambient

© 2011. Afton Chemical Corporation is a wholly-owned subsidiary of NewMarket Corporation (NYSE: NEU). HiTEC® is a trademark of Afton Chemical Corporation. 07/11.

The information in this bulletin is, to our best knowledge, sure and accurate, but all recommendations or suggestions are made without guarantee since the conditions of use are beyond our control. Afton Chemical Corporation and its affiliates disclaim any liability incurred in connection with the use of these data or suggestions. Furthermore, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents covering any material or its use.