Castrol ATF Multivehicle
Multivehicle Automatic Transmission Fluid

Description

Castrol ATF Multivehicle is an automatic transmission fluid for use in most Japanese passenger cars which typically have higher anti-shudder performance requirements than European or US designed automatic transmissions. It was designed to meet the Japanese Automobile Standards Organisation performance needs (JASO 1A) which is recognised by most Japanese Automobile Manufacturers.

Advantages

Castrol ATF Multivehicle is based on latest high performance additive technology in high quality base stocks to ensure:

- Exceptional high temperature protection to effectively resist fluid oxidation (excellent viscosity stability)
- Enhanced friction durability for smooth transmission performance to control transmission shudder
- Superb low temperature fluidity for cold weather shifting

Typical Characteristics

<table>
<thead>
<tr>
<th>Name</th>
<th>Method</th>
<th>Units</th>
<th>ATF Multivehicle</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density @ 15C, Relative</td>
<td>JIS K 2249</td>
<td>g/ml</td>
<td>0.853</td>
</tr>
<tr>
<td>Colour</td>
<td>Visual</td>
<td>-</td>
<td>red</td>
</tr>
<tr>
<td>Viscosity, Kinematic 40C</td>
<td>JIS K 2283</td>
<td>mm²/s</td>
<td>33</td>
</tr>
<tr>
<td>Viscosity, Kinematic 100C</td>
<td>JIS K 2283</td>
<td>mm²/s</td>
<td>7.00</td>
</tr>
<tr>
<td>Viscosity Index</td>
<td>JIS K 2283</td>
<td>-</td>
<td>180</td>
</tr>
<tr>
<td>Pour Point</td>
<td>JIS K 2269</td>
<td>°C</td>
<td>-50.0</td>
</tr>
<tr>
<td>Viscosity, Brookfield @ -40C</td>
<td>ASTM D2983</td>
<td>mPa.s (cP)</td>
<td>13700</td>
</tr>
<tr>
<td>Flash Point, COC</td>
<td>ASTM D92</td>
<td>°C</td>
<td>212</td>
</tr>
</tbody>
</table>
Product Performance Claims

JASO 1A
Suitable for use where one of the following specifications is needed
- Aisin Warner JWS 3309
- Toyota Type T, T-II, T-III, T-IV
- Jatco Automatic Transmission
- Nissan Matic Fluid C, D, J
- Mitsubishi Diamond SP-II, SP-III
- Suzuki ATF Oil and ATF Oil Special
- Mazda ATF D-III and ATF M-3
- Daihatsu Alumix ATF Multi
- Honda ATF Z-1 (not for CVT-transmissions)
- Subaru ATF
- Hyundai
- Kia
- GM
- Daewoo

Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.