SERVO ® PRODUCT DATA SHEET

SERVO SUPERIOR

GRADES AVAILABLE - SERVO SUPERIOR 10W-30, 10W-40, 20W-40, 20W-50

DESCRIPTION
Servo Superior oils are high performance engine oils for new generation petrol and diesel vehicles. These oils are blended from high viscosity index base stocks and contain additives to meet the stated performance standards.

APPLICATION
Servo Superior Oils are recommended for new generation petrol and diesel cars. These oils are also suitable for existing passenger cars and four stroke two wheelers i.e. scooters and motorcycles.

PERFORMANCE BENEFITS
- Superior performance in terms of oxidation stability, dispersancy characteristics and energy efficiency.
- Excellent sludge control and extra wear protection at high temperatures and severe operating conditions.
- Outstanding overall engine cleanliness and also provide long engine life.
- Fuel savings and low oil top up.
- Catalytic Converter Compatible.

PERFORMANCE STANDARDS
- API SF in gasoline and CD in diesel service.
- US Military MIL-L-46152 B
- E-PL 2 / E-DL 2 of IS:13656 - 2002

APPROVAL
- Hindustan Motors Ltd for all car models.
- Premier Automobiles Ltd. for 118 NE cars.
- Hero Honda Ltd.

CHARACTERISTICS

<table>
<thead>
<tr>
<th>SAE GRADE</th>
<th>10W-30</th>
<th>10W-40</th>
<th>20W-40</th>
<th>20W-50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kin. Vis. @ 100ºC, cSt</td>
<td>9.5 – 11.5</td>
<td>14.0 – 15.5</td>
<td>13.5 – 15.5</td>
<td>17.5 – 19.5</td>
</tr>
<tr>
<td>Flash Point, COC, ºC, Min</td>
<td>200</td>
<td>190</td>
<td>200</td>
<td>200</td>
</tr>
<tr>
<td>Pour Point, ºC, Max</td>
<td>(-) 27</td>
<td>(-) 27</td>
<td>(-) 21</td>
<td>(-) 21</td>
</tr>
<tr>
<td>TBN mg KOH/gm</td>
<td>6.2 – 8.3</td>
<td>8.0 – 10.5</td>
<td>5.5 – 7.5</td>
<td>5.0 – 7.0</td>
</tr>
</tbody>
</table>

HEALTH & SAFETY
These oils are unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of industrial and personal hygiene are maintained.

For further information please contact our nearest office OR:
Technical Services Dept., Indian Oil Corporation Ltd., G-9, Ali Yavar Jung Marg, Bandra (E), Mumbai–400 051
E-Mail: tservices@indianoil.co.in OR tech_services@indianoil.co.in