BRAVOIL PREMIUM UTTO

PRODUCT DESCRIPTION:
BRAVOIL PREMIUM UTTO is a high performance Universal Tractor Transmission Oil designed to meet the latest specifications introduced by original equipment manufacturers. BRAVOIL PREMIUM UTTO provides improved wear control, excellent thermal stability, and the elimination of ‘squawk’ in machines fitted with oil immersed brakes designed for use in modern tractor transmission, final drives and hydraulics systems. It is a high performance premium quality lubricant intended for use as a multipurpose tractor transmission and hydraulic fluid. It is formulated from high quality mineral oils and an advanced additive system to achieve outstanding improvements in wet brake and power take off (PTO) chatter control as well as enhanced viscosity retention (shear stability) in field service. It has improved extreme pressure properties which provide superior protection against wear under the most severe operating conditions. Resistance to oxidation and thermal degradation is outstanding and ensures protection against sludge and varnish deposits.

APPLICATION:
It can be used as a replacement for engine oils up to SAE 10W-30 in hydraulic and transmission systems. It is suitable as a Type A (Suffix A), Dexron and Type F fluid for tractor but not passenger car automatic transmissions. It may also be used as an SAE 80W gear lubricant in all gear applications except hypoid gears Transmission, hydraulic and final drive oil for use in agricultural tractors, off highway plant and associated machinery. Gearboxes or combined gearbox-hydraulic systems of agricultural and construction machinery with fill instruction HD-engine oil SAE 10W-30 or gear oils SAE 75W-80 acc. to API GL-4 can be filled.

FEATURES & BENEFITS:  
- Multipurpose Oil  
- Excellent performance in wet brakes and power take offs.  
- Enhanced viscosity retention  
- Improved EP  
- Good oxidation properties.  
- Resists oil thickening and the formation of carbon, varnish and sludge deposits.  
- Prolonged engine life.  
- Safeguards the moving parts.  
- On Highway and off highway applications.  
- Wet brake noise suppression.  
- Rust Inhibition  
- Water tolerance 3525, 3505, 3509  
- Reduced oil inventories and simplifies lubricant selection.  
- Good filterability

PERFORMANCE LEVELS:  
- API CF-4  
- API GL-4  
- Ford M2C 86B/C, 134D  
- John Deere J20C  
- Volvo VME WB 101  
- Allison C-4  
- Komatsu  
- Kubota UDT  
- New Holland NH 410B  
- ZF TE ML 03E, 05F, 06K, 17E  
- White New Idea Q-1802, Q-1826  
- Denison HF-0, HF-2  
- Vickers 35VQ25  
- Sauer Sundstrand

TYPICAL PROPERTIES:

<table>
<thead>
<tr>
<th>PARAMETERS</th>
<th>TEST METHOD</th>
<th>UNIT</th>
<th>BRAVOIL PREMIUM UTTO</th>
</tr>
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<tbody>
<tr>
<td>Grade</td>
<td></td>
<td></td>
<td>10W30</td>
</tr>
<tr>
<td>Kinematic Viscosity @ 104 °F /40 °C</td>
<td>ASTM D-7042</td>
<td>cSt</td>
<td>70</td>
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<tr>
<td>Kinematic Viscosity @ 212 °F /100 °C</td>
<td>ASTM D-7042</td>
<td>cSt</td>
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<tr>
<td>Viscosity Index (min)</td>
<td>ASTM D-2270</td>
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<td>140</td>
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<tr>
<td>SP. Gravity @15 °C/ 60 °F</td>
<td>ASTM D-4052</td>
<td>g/cm³</td>
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<tr>
<td>Flash Point (min)</td>
<td>ASTM D-92</td>
<td>°C</td>
<td>220</td>
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<tr>
<td>Pour Point (max)</td>
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<td>°C</td>
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<tr>
<td>TAN</td>
<td>ASTM D-664</td>
<td>Mg KOH/g</td>
<td>0.80</td>
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</table>

HEALTH & SAFETY, ENVIRONMENT:
Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website www.bravoil.com

Sharjah, United Arab Emirates  
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