Premium J 20C Tractor Hydraulic Fluid

STARFIRE Premium J20-C Tractor Hydraulic Fluid is a premium multi-purpose lubricant formulated from select base stocks and state-of-the-art additive technology. It is designed for use in a variety of farm equipment, off-highway machinery, industrial tractors, final drives, power take-off units, wet brakes, power steering units, and hydraulic systems. It provides the unique combination of ultimate equipment protection and the convenience of using one fluid in place of two or more fluids while maintaining optimum component performance and durability.

The combination of special friction modifiers and shear-stable viscosity modifiers offer optimum performance levels. Starfire Premium Tractor Hydraulic Fluid is recommended for use in all major OEM equipment including, but not limited to; Kubota, Oliver, Minneapolis-Moline, Caterpillar, International Harvester, White Farm, John Deere, Deutz-Allis Chalmers, Case New Holland, J.I. Case, and AGCO (Massey Ferguson).

**EQUIPMENT BENEFITS**
- Superior wear protection to protect critical components
- Excellent frictional properties for smooth shifting
- Excellent anti-shudder performance
- Good seal compatibility
- Protection against varnish and sludge formation
- Superior thermal stability and oxidation resistance

**PRODUCT FEATURES**
- Formulated with highly-refined Group II base stocks for added resistance to thermal breakdown
- Provides active anti-wear agents to protect critical transmission components
- Delivers added resistance to fluid oxidation
- Shear-stable viscosity modifiers provide stay-in-grade protection

**APPLICATIONS**

STARFIRE Premium Tractor Hydraulic Fluid is recommended for the following fluid requirements and applications:
- Allison: C-4
- International Harvester: Hy-Tran, B-6
- J.I. Case: TFD (JIC-143/146), Hi-Vis (JIC-185), JIC-144/145, MS-1204, MS1205/1206/1207, MS-1210 (TCH) and B-6
- Vickers-1-2986-S, 104C, & M2950S, Denison UTT0, HF-0, HF-01, HF-02
- Kubota Universal Transdraulic Fluid: UTD & Super UTD
- Sundstrand Hydrostatic Transmissions: JDQ-84
- Volvo: BM, VCE 1273.03 & WB-101 (wet brake)
- Caterpillar: TO-2, & MTO (Multi- Application Tractor Oil) for older Backhoe Loader rear axles and Challenger Tractors

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**Typical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
<td>Performance Level</td>
<td>J20C</td>
</tr>
<tr>
<td>SAE Grade</td>
<td>10W-30</td>
</tr>
<tr>
<td>API Gravity @ 60°F</td>
<td>29.7</td>
</tr>
<tr>
<td>Lbs./gallon</td>
<td>7.2</td>
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<tr>
<td>Viscosity, cSt @ 100°C</td>
<td>10.2</td>
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<tr>
<td>Viscosity, cSt @ 40°C</td>
<td>68.4</td>
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<tr>
<td>Viscosity Index</td>
<td>140</td>
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<tr>
<td>Pour Point, °C (°F)</td>
<td>-40 (-40)</td>
</tr>
<tr>
<td>Flash Point, °C (°F)</td>
<td>218 (424)</td>
</tr>
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