



# UNIVERSAL TRACTOR OIL

## 80W

### Product Description:

**UNIVERSAL TRACTOR OIL 80W** is a high performance fluids for use in transmissions, hydraulic systems, oil immersed brakes of tractors and off-road equipment. These fluids are specially designed for use where a common lubricant reservoir serves transmissions, final drives and hydraulic systems and to optimize the performance of agricultural and commercial tractors. This product can also be used where a 10W-30 UTTO product is recommend.

**UNIVERSAL TRACTOR OIL 80W** is based on high quality virgin mineral base oil in combination with an unique additive package to ensure the following properties:

- Enhanced frictional properties optimize clutch performance and ensure noise free operation of wet brakes.
- High Viscosity Index coupled with high shear stability provides consistent performance.
- Excellent low temperature fluidity provides good response and effective lubrication at low ambient temperatures.
- Robust anti-wear and extreme pressure properties control wear, extend equipment life and reduce maintenance costs.
- Multipurpose capability reduces inventory and prevents accidental contamination and misapplication.



**UNIVERSAL TRACTOR OIL 80W** exceeds the following performance criteria:

<b>UTTO/Trans Spec</b>	<b>John Deere J20C/J20D</b>	<b>Ford M2C86A/B</b>	<b>Ford M2C134D</b>
	<b>API GL-4</b>	<b>Allison C-4</b>	<b>Caterpillar TO-2</b>
	<b>Case MS 1204/6/7/9</b>	<b>MF M1135/1143/1145</b>	<b>NH410B, NH420A</b>
	<b>CNH MAT 3525/3526</b>	<b>Oliver: Type 55/Type 5J</b>	<b>New Holland 82948718</b>
	<b>I.H.C: B-5 &amp; B-6 Hydran</b>	<b>Volvo WB101 (97303)</b>	<b>Valtra G2-08 / G2-B10</b>
	<b>White: Q-1705/1722/1766B</b>	<b>White: Q-1802/1826</b>	
	<b>ZF TE-ML 03E/05F/06K/17E/21F</b>		
<b>Hydr. Spec</b>	<b>Eaton M2950S</b>	<b>Eaton I-280-S</b>	<b>JCMAS HK P-041</b>
	<b>Denison(pump only) HF(-0-2)</b>	<b>Kubota: UDT fluid</b>	
	<b>DIN 51524-3</b>	<b>Sauer Sundstrand/ Danfoss</b>	

Property	Unit	Test Method	Typical Value
SAE Grade		SAE J306	80W
Density@15°C	kg/m <sup>3</sup>	ASTM D4052	887.3
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	55.4
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	9.6
Viscosity Index		ASTM D2270	158
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-42
Total Base Number	mgKOH/g	ASTM D2896	9.5

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