



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:

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

| Property | Unit | Test Method | Typical Value |
|-----------------------|--------------------|-------------|---------------|
| SAE Grade | | SAE J306 | 80W |
| Density@15°C | kg/m ³ | ASTM D4052 | 887.3 |
| Kin. Viscosity @40°C | mm ² /s | ASTM D7042 | 55.4 |
| Kin. Viscosity @100°C | mm ² /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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