



## PRODUCT DATA SHEET

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# NP UNIVERSAL TRACTOR TRANSMISSION OIL (UTTO)

### GENERAL

NP UTTO is manufactured from premium quality hydro-treated base oils, which contain lower levels of impurities, and are blended with an advanced additive package. Without these impurities, that limits the performance of conventional base oils, the use of **NP Universal Tractor Transmission Oil** result in:

- Extreme pressure protection
- Corrosion protection
- Water tolerance
- Wet brake noise suppression
- Rust inhibition
- Operational temperature range

### MAIN APPLICATIONS

**NP UTTO** meets or exceeds the requirements of a multipurpose hydraulic/transmission, power take-off and clutch fluid for the majority of equipment found in agricultural, constructional and industrial applications.

### PERFORMANCE SPECIFICATIONS

**NP UTTO** is designed to meet the performance specifications of:

- |                    |  |
|--------------------|--|
| • Ford New Holland | ESN-M2C86-C, ESN-M2C134-D, ESN-M2C86-B |
| • Massey-Ferguson  | M1135, M1145, M1141, M1143             |
| • John Deere       | J20C, J20D                             |
| • Case             | MS1207, 1210                           |
| • Case New Holland | 3525, 3505, 3509                       |

It also meets the performance requirements of:

- ZF TM-ML 05F, 03E, 06K, 17E
- Kubota UTD Fluid.
- FNHA-2-C-200.00
- VCE WB 101

It exceeds the transmission specifications for:

- |               |   |
|---------------|---|
| • Allison C-4 | C-4 Clutch Friction test, C-4 THOT Power Steering Pump Wear |
| • Caterpillar | TO-2  |
| • API         | GL-4  |



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### TYPICAL PROPERTIES

	TEST METHOD	
	SAE Viscosity Grade	SAE J-300
Kin. Viscosity @ 40°C, cSt	ASTM D445	60.15
Kin. Viscosity @ 100°C, cSt	ASTM D445	9.48
Viscosity Index	ASTM D2270	139
Specific Gravity 60/60°F	ASTM D1298	0.8821
Brookfield Viscosity @ -18°C	ASTM D5393	3860
Colour	ASTM D1500	Red
Pour Point, °C	ASTM D97	-39
Closed Flash Point, °C	ASTM D93	180
Copper Corrosion	ASTM D130	1A
Foaming Tendency/Stability	ASTM D892	
Stage 1 ml. @ 24°C		0/0
Stage 11 ml. @ 93.5°C		0/0
Stage 111 ml. @ 24°C after Stage 11		0/0

### HEALTH AND SAFETY

NP UTTO is unlikely to pose any health or safety hazards when used in the recommended applications, provided good standards of personal and industrial hygiene are observed. Please refer to Material Safety Data Sheet (MSDS) for further information.

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