

READILY BIODEGRADABLE ISO 46 UNIVERSAL TRACTOR FLUID

Description

RSC *EnviroLogic*[®] Universal Tractor Fluid 46 is a readily biodegradable ISO 46 tractor oil for use in heavy duty brake, transmission and hydraulic systems. It is based on natural ester technology and is a direct replacement for petroleum oil based tractor fluids of the same viscosity. It exceeds the requirements for petroleum oil based tractor fluids and has excellent anti-wear characteristics.

It has reduced environmental impact in the event of a leak or spill, as it is readily biodegradable and non-sheening.

RSC *EnviroLogic*[®] Universal Tractor Fluid 46 meets the requirements for various manufacturers. Visit our [website](#) or contact customer service for a full list of OEM approvals.

| Property | Method | Spec. | Result |
|--|----------------------------|-------------|--------|
| Kinematic Viscosity | D445 | | |
| At 40°C, cSt | | 41.4 – 50.6 | 47 |
| At 100°C, cSt | | 9.1 min. | 11.2 |
| Viscosity Index | D2270 | N/A | >200 |
| Density(60°F), Kg/m ³ | D4052 | N/A | 900 |
| Brookfield Viscosity @ -35°C, cps | D2983 | 70,000 max. | 11,150 |
| Pour Point, °C | D97 | -36 min. | -40 |
| Flash Point (COC), °C | D92 | 200 min. | 220 |
| JD Cold Flow Performance @ -35°C | JD 73 | 30 max. | 27.0 |
| Copper Corrosion 3 Hrs. @ 100°C | D130 | 1b min. | 1a |
| Steel Pin Corrosion (4 hours, 100°C) Synthetic Salt Water | D665B | Pass | Pass |
| Foam Properties Sequence I, II, III | D892 Tendency/Stability | Pass | Pass |
| Timken Wear OK Load, N. | D2733 | N/A | 73 |
| Brake Noise and Capacity | Ford 6610 | Pass | Pass |
| Power Shift Clutch Friction | JDQ 94 | Pass | Pass |
| Brake Performance Test | JDQ 96 | Pass | Pass |
| Brake Performance Test | Massey Ferguson | Pass | Pass |

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| Biodegradability, % | OECD 301B | >60 | 65 |
| Aquatic Toxicity Daphnia, EC50 mg/L | OECD 202 | >100 | 400 |
| Aquatic Toxicity Bluegill, EC50 mg/L | OECD 203 | >100 | >10,000 |

NOTICE: While this information is presented in good faith and believed to be accurate, RSC Bio Solutions does not guarantee satisfactory results from reliance thereon. The data is offered solely for your information and RSC Bio Solutions disclaims all liability for any loss or damage from its use. Thoroughly test any application according to the product directions and independently conclude satisfactory performance. Nothing contained herein is to be construed as a recommendation to use the product in violation of any patent.

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For more information about RSC Bio Solutions, visit us at rscbio.com or call +1 704.684.6100.



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rscbio.com



600 Radiator Road
Indian Trail, NC 28079-7643
800.661.3558
+1 704.684.6100

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