

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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Property	Method	Spec.	Result
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

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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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