

November 14, 2007

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Product Data Sheet



NOTE: The information in this publication is the result of careful testing in our laboratories, complemented by selected literature. It does not in any way constitute a guarantee, nor does it serve as a license to operate any patent. Due to widely varying conditions of product use, which are beyond our control, it is strongly recommended that the product be tested for suitability. Product typical properties in this publication are current as of November 14, 2007.

BIODEGRADABLE TRACTOR HYDRAULIC OIL

ENVIROTECH ALL-TRAC

EnviroTech All-Trac is an environmentally responsible universal lubricant for farm equipment, off-highway machinery, and industrial tractors. This multifunctional biobased fluid is designed for equipment requiring one lubricant for the transmission, final drive, wet brakes and hydraulic systems. It meets or exceeds the performance requirements of all major brands of farm tractors and other farm equipment that utilize a common fluid reservoir. EnviroTech All-Trac is formulated with special friction modifiers to ensure proper operation of wet brakes and transmission clutch packs. The vegetable based formulation provides superior oxidation resistance, excellent wear protection, protects against rust and corrosion, and has exceptional anti-foam characteristics. EnviroTech All-Trac meets or exceeds the requirements for ATD Allison C-4, Caterpillar TO-2 and is recommended for use where the equipment manufacturer specifies the following:

CASE INTERNATIONAL JIC-145/MS-1210 JIC-185/MS-1204 MS-1205, MS-1127, MS1129-A, M1135, M1141	FORD M2C41-B, M2C48-B M2C53-A, M2C134-A M2C134-B, M2C134-C	LANDINI MASSEY-FERGUSON MS-1205, MS-1127, MS1129-A, M1135, M1141
DEUTZ-ALLIS FIAT-HESSTON FORD M2C134-D M2C86-C, M2C86-B	JOHN DEERE J20C, J14A Quatrol™ J20D Hygard	STEIGER VERSATILE WHITE FARM Q-1826 Q-1705, Q-1766, Q-1802
	KUBOTA	

Classified as ultimately biodegradable (Pw1) and non-toxic, EnviroTech All-Trac is ideal for equipment operating in environmentally sensitive areas.

Physical Properties

PRODUCT	ENVIROTECH ALL-TRAC
Viscosity @40°C, cSt	47.8
@100°C, cSt	10.26
Brookfield Viscosity @-20°C	1650
@-35°C	11,150
Viscosity Index	210
Flash Point, °F, (°C)	484(251)
Stable Pour Point, °F, (°C)	-38(-39)
Biodegradation Classification,	ultimate
ASTM D 5864	PW1