

BARREL HYDRAULIC OIL BIO-46W

(Biodegradable / water-soluble hydraulic fluid)

BARREL HYDRAULIC OIL BIO-46W is a high performance environmentally aware hydraulic fluid formulated from select, high-quality polyol and additives. It provides excellent anti-wear necessary for hydraulic systems operating while satisfying the stringent criteria for biodegradability and toxicity.

1. Features

- (1) Reduces potential for environmental damage. (Biodegradability, OECD 301F, >60%)
- (2) Water soluble.
- (3) Excellent lubricity.

2. Typical properties

Property	BARREL HYDRAULIC OIL BIO-46W
Solubility in Water (25°C)	Soluble
Biodegradability, OECD 301F	>60%
Density 15°C g/cm ³	1.11
Flash Point (COC) °C	260
Pour Point °C	-20.
Kinematic Viscosity 40°C mm ² /s	46.0
Kinematic Viscosity 100°C mm ² /s	7.92
Viscosity Index	144
Copper Strip Corrosion 100°C,3h	1
Colour (ASTM)	L0.5
pH, 10% aqueous solution	8.5
Color (ASTM)	L0.5
Four-Ball wear, Scar diameter (1200rpm,392.2N,75°C,60min) mm	0.50

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