



Product Data

Performance Biolubes BioHydraulic 46

Bio-Based Hydraulic Oil

Description

Castrol *Performance Biolubes BioHydraulic 46* is a sustainable, bio-based hydraulic oil formulated with optimized plant-based oils that surpass the lubricity of the most conventional oils. It protects against wear and has high flash points for safety.

Applications

- All metalworking related hydraulic systems requiring ISO 46 oils.
- Not formulated for cold temperature use. Should be stored inside at all time.

Advantages

- Stable performance through a wide operating temperature range
- Good seal compatibility
- High flash and fire points
- Made from North America-grown plant-based oils
- Superior thin-film protection to reduce wear
- Protect all metal components from rust and corrosion

Typical Properties

	<u>Value</u>	<u>Test Method</u>
Appearance	Light Yellow	Visual
Viscosity @40°C, cSt	40	ASTM D 445
Viscosity @100°C, cSt	8.5	ASTM D 445
Flash Point, °C (°F)	310 (590)	ASTM D 92
Fire Point, °C (°F)	348 (658)	ASTM D 92
4-Ball Wear, mm	0.30	ASTM D 4172
Pin & Vee Block Test	>4500 lbs	ASTM D 3233A
Pour Point, °C (°F)	-20 (-4)	ASTM D 97
Non Staining	1b	ASTM 130-56

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