

INTERLUBE IL-HMS46

SEMI-SYNTHETIC BIODEGRADABLE ANTI-WEAR HYDRAULIC FLUID ISO 46

IL-HMS 46

OVERVIEW

INTERLUBE HMS 46 semi-synthetic biodegradable hydraulic fluid is formulated from natural base oil and synthetic ester that is easily biodegradable with high lubricity. This high-performance product reduces the operating temperature, friction and wear of the components of mobile and stationary hydraulic units; its excellent thermal and oxidative stability extends the life of the fluid with minimal variation in viscosity over a large operating temperature range.

CHARACTERISTICS:

- Easily biodegradable according to OECD 301B test
- Made from vegetable oil and synthetic ester
- Ultra low toxicity according to EPA-821-R-02-012
- Superior protection against wear and extreme pressure
- Excellent protection against rust and corrosion
- High viscosity index and thermal stability
- Outstanding performance at low temperatures

TYPICAL PROPERTIES

INTERLUBE IL-HMS46		ASTM Test Method	IL-HMS46
Code Produit			IL-HMS46
Densité,	ASTM D1298		0,87
Biodégradabilité,	OECD 301B, %		> 78
Viscosité,	ASTM D445,		
@ 40°C			46
@ 100°C			10,1
@ -10°C, cSt			733
@ -20°C, cSt			1595
Indice de viscosité,			> 215
Point d'écoulement,	ASTM D97, °F (°C)		- 30 (-34)
Point d'éclair,	ASTM D92, °F (°C)		> 470 (243)
Corrosion sur lame de cuivre,	ASTM D4048		1A
Test de rouille A & B,	ASTM D665		RÉUSSI
Essai 4 billes,	ASTM D4172, usure en mm		< 0.50
Résistance diélectrique,	ASTM D877, kV		> 55 kV
Toxicité aquatique aiguë, tête-de-boule, LC 50,ppm,	EPA-821-R-02-012		> 30,000
Algue,	OECD 201, EC50, 72hr, mg/L		> 30,000
Daphnie,	OECD 202, EC50, 72hr, mg/L		> 10,000
Poisson,	OECD 202, LC50, 96hr, mg/L		> 40,000

18.9 liter pail, 208 liter drum (plastic) and 1040 liter cubic container.

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Approval

Bio préférence programme USDA
Classifié (EAL) Environmentally acceptable lubricant
EPA 2013 U.S. (VGP) Vessel General Permit grade 32 et 46
Lubricant without zinc
Meets Eaton brochure 03-401-2010 (ASMT D943) standards
Meets ISO 15380 HEES (ISO 4263-3) standards
Meets Sandvik DIN 51524 part 1, 2 and 3 (ISO 4263-1) standards

The values quoted above are typical values for normal production. They do not constitute a norm.

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