Mobil™ Hidráulico AW HLP Series

Mobil Industrial , Brazil

Hydraulic Oils

Product Description

Mobil™ Hidráulico AW HLP Series oils are good quality anti-wear hydraulic oils intended for industrial and mobile service applications, subjected to moderate operating conditions and requiring anti-wear lubricants.

Their effective oxidation resistance and chemical stability support good oil life in moderate applications.

Features and Benefits

Good anti-wear performance helps reduce pump wear and prolonging pump life.

Corrosion protection helps reduce the effects of moisture on system components.

Filterability to prevent filter blockage even in the presence of water.

Applications

Systems using gear, vane, radial and axial piston pumps and those containing gears and bearings where mild anti-wear characteristics are required.

Where hydraulic oil contamination or leakage is unavoidable.

Where small amounts of water are unavoidable.

Specifications and Approvals

This product meets or exceeds the requirements of:	MOBIL HIDRAULICO AW 46 HLP	MOBIL HIDRAULICO AW 68 HLP	MOBIL HIDRAULICO AW 100 HLP
DIN 51524-2:2017-06	X	X	X

Properties and Specifications

Property	MOBIL HIDRAULICO AW 46 HLP	MOBIL HIDRAULICO AW 68 HLP	MOBIL HIDRAULICO AW 100 HLP
Grade	ISO VG 46	ISO VG 68	ISO VG 100
Appearance, AMS 1738	Clear and Bright	Clear and Bright	Clear and Bright
Copper Strip Corrosion, 3 h, 100 C, Rating, ASTM D130	1A	1A	1A
Density @ 15 C, kg/l, ASTM D1298	0.8765	0.8825	0.8845
Flash Point, Cleveland Open Cup, °C, ASTM D92	240	195	
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	6.7	8.5	11.1
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	46	68	100
Pour Point, °C, ASTM D97	-30	-27	-24

Property	MOBIL HIDRAULICO AW 46 HLP	MOBIL HIDRAULICO AW 68 HLP	MOBIL HIDRAULICO AW 100 HLP
Rust Characteristics, Procedure B, ASTM D665	Pass	Pass	Pass
Viscosity Index, ASTM D2270	95	95	95

Health and Safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ http://www.msds.exxonmobil.com/psims/psims.aspx

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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com

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