Mobil™ Hydraulic AW Series

Mobil Industrial , Taiwan

Hydraulic Oils

Product Description

Mobil™ Hydraulic AW 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.

Products Mobil Hydraulic AW 32/46/68 meet the claim by DIN 51524-2: 2017-06 and could be used where HLP 32/HLP 46/HLP 68 hydraulic oils are required.

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 HYDRAULIC AW 32	MOBIL HYDRAULIC AW 46	MOBIL HYDRAULIC AW 68
DIN 51524-2:2017-06	X	X	X

Properties and Specifications

Property	MOBIL HYDRAULIC AW 32	MOBIL HYDRAULIC AW 46	MOBIL HYDRAULIC AW 68
Grade	ISO 32	ISO 46	ISO 68
Copper Strip Corrosion, 3 h, 100 C, Rating, ASTM D130	1A	1A	1A
Density @ 15 C, kg/l, ASTM D4052	0.87	0.87	0.88
Emulsion, Time to 3 mL Emulsion, 54 C, min, ASTM D1401	15	20	20

Property	MOBIL HYDRAULIC AW 32	MOBIL HYDRAULIC AW 46	MOBIL HYDRAULIC AW 68
Flash Point, Cleveland Open Cup, °C, ASTM D92	210	225	234
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	32	44	63
Pour Point, °C, ASTM D97	-24	-24	-18
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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