Nuto™ H Series

Mobil Industrial , Liberia

Hydraulic Oils

Product Description

Nuto™ H 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 to severe 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 has the following approvals:	32	46	68	100	150
DENISON HF-0	X	X	X		

This product meets or exceeds the requirements of:	32	46	68	100	150
DIN 51524-2:2017-06	X	X	X	X	
ISO L-HM (ISO 11158:2009)	X	X	X	X	X

Properties and Specifications

Property	32	46	68	100	150
Grade	ISO 32	ISO 46	ISO 68	ISO 100	ISO 150
Copper Strip Corrosion, 3 h, 100 C, Rating, ASTM D130	1A	1A	1A	1A	1A
Density @ 15 C, kg/l, ASTM D1298	0.872	0.876	0.882	0.884	0.887
Emulsion, Time to 3 mL Emulsion, 54 C, min, ASTM D1401	15	15	20		

Property	32	46	68	100	150
Emulsion, Time to 3 mL Emulsion, 82 C, min, ASTM D1401				10	5
Flash Point, Cleveland Open Cup, °C, ASTM D92	212	226	234	242	258
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	5.3	6.6	8.3	11.0	14.9
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	31.4	44.0	63.3	96.0	150
Pour Point, °C, ASTM D97	-24	-24	-18	-18	-18
Viscosity Index, ASTM D2270	98	98	98	98	98

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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05-2023
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