

## HYDRAULIC HYFLOW H

High Performance  
Anti-Wear Hydraulic Oil

**MaxPro1 Hyflow H** series are formulated from high-grade selected refined base stocks and additive package, to provide excellent anti-wear protection, oxidation and corrosion inhibition, as well as foam and aeration suppression. All grades have excellent demulsibility characteristics.

**MaxPro1 Hyflow H** series are formulated to provide excellent thermal stability (according to ASTM Cincinnati Milacron P-68/ P-69 / P-70 requirements), hydrolytic stability (according to ASTM-D 2619 HF-0 requirements) and filtration properties even when extremely fine filters are used (according to AFNOR N FE 48-691)

### APPLICATIONS

**MaxPro1 Hyflow H** series are versatile lubricants available in a wide ISO viscosity grade. ISO 32, 46, 68 and 100 grades are most commonly used for hydraulics with vane-, piston-, or gear-type pumps, especially where pressures exceed 1000 psi.

**MaxPro1 Hyflow H** are compatible with all common construction metals and sealing materials used in hydraulic systems. They should not be used in conjunction with components which employ silver or silver-plated parts.

### FEATURES AND BENEFITS

- Extremely excellent anti-wear properties reduce the abrasion of a hydraulic pump operated under high -pressure, high-speed condition to a minimum and maintain the smooth operation of a hydraulic system for a long period of time.
- Effective rust and corrosion inhibition protects metal surfaces under severe operating conditions.
- High oxidation stability makes stable performance possible under high -temperature, high-pressure conditions for a long period of time.
- Excellent anti-foam properties
- Good demulsibility permits fast separation of entrained water.
- 1 • Compatible with all gaskets, O-rings and sealing materials.



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### PERFORMANCE LEVEL

It meets the performance requirements of:

- Denison HF-0, HF-1, HF-2
- DIN 51524, part 2 and 3
- Vickers M-2950-S, I-286-S
- Cincinnati Milacron P-68, P-69, P-70
- US Steel 127, 136
- AFNOR N FE 48-691

### TYPICAL PHYSICAL CHARACTERISTICS

ISO VG Grade	10	15	22	32	46	68	100	150
Product Code	<b>6010</b>	<b>6011</b>	<b>6012</b>	<b>6013</b>	<b>6014</b>	<b>6015</b>	<b>6016</b>	<b>6017</b>
Density @ 15°C, Kg/m <sup>3</sup>	0.890	0.840	0.860	0.870	0.876	0.880	0.887	0.893
Flash Point (°C)	146	190	205	215	220	225	230	230
Pour Point (°C)	-39	-30	-24	-30	-30	-24	-21	-21
Viscosity, Kinematic								
cSt @ 40°C	9.5	15	22	32	46	68	100	150
cSt @ 100°C	2.42	3.51	4.36	5.42	6.87	8.89	11.42	14.13
Viscosity Index	55	110	104	102	103	103	100	96
FZG 4-Square Load Support, DIN 51354, Part 2, Fail Stage	-	-	-	12	12	12	12	12
Copper Strip Corrosion, ASTM D 130, 3 hrs @ 100° C	1B	1B	1B	1B	1B	1B	1B	1B
Foam Sequence I, II, III, ASTM D 892 , ml	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0

The information provided is to our best knowledge, true & accurate, subjected to change without notification due to continual product research and development.

### Available Size & Part Number

	18L	20L	200L	208L
<b>Hyflow H 10</b>	<b>6010-18</b>	<b>6010-20</b>	<b>6010-200</b>	<b>6010-208</b>
<b>Hyflow H 15</b>	<b>6011-18</b>	<b>6011-20</b>	<b>6011-200</b>	<b>6011-208</b>
<b>Hyflow H 22</b>	<b>6012-18</b>	<b>6012-20</b>	<b>6012-200</b>	<b>6012-208</b>
<b>Hyflow H 32</b>	<b>6013-18</b>	<b>6013-20</b>	<b>6013-200</b>	<b>6013-208</b>
<b>Hyflow H 46</b>	<b>6014-18</b>	<b>6014-20</b>	<b>6014-200</b>	<b>6014-208</b>
<b>Hyflow H 68</b>	<b>6015-18</b>	<b>6015-20</b>	<b>6015-200</b>	<b>6015-208</b>
<b>Hyflow H 100</b>	<b>6016-18</b>	<b>6016-20</b>	<b>6016-200</b>	<b>6016-208</b>
<b>Hyflow H 150</b>	<b>6017-18</b>	<b>6017-20</b>	<b>6017-200</b>	<b>6017-208</b>



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