

## HYDSYN SERIES

### SYNTHETIC HYDRAULIC OILS INDUSTRIAL APPLICATIONS

**HYDSYN SERIES** are ashless hydraulic oils are formulated from the highest quality synthetic hydrocarbons to meet the requirements of all types of hydraulic systems. HYDSYN oils are rust and oxidation inhibited to protect against rust, wear and the formation of sludge. They are compatible with seal materials normally used in hydraulic systems.

**HYDSYN SERIES** ashless hydraulic oils contain additives necessary to meet requirements for Denison HF-O, Vickers industrial and mobile applications and Cincinnati Milacron P-68, P-69 and P-70 specifications.

#### PHYSICAL PROPERTIES:

PRODUCTS	HYDSYN 15	HYDSYN 32	HYDSYN 46	HYDSYN 68	HYDSYN 100
ISO Grade	15	32	46	68	100
Specific Gravity	0.8195	0.852	0.856	0.863	0.868
Viscosity					
@ 40°C, cSt	15.5	32.0	43.5	64.1	95.0
@ 100°C, cSt	3.63	5.80	7.25	9.60	12.7
@ 100°F, SUS	84.6	163	223	329	491
@ 210°F, SUS	38.5	45.7	50.4	58.7	70.6
Viscosity Index	118	125	128	131	130
Flash Point, °F	405	465	470	480	490
(°C)	(207)	(241)	(243)	(249)	(254)
Fire Point, °F	430	495	505	515	525
(°C)	(221)	(257)	(263)	(268)	(274)
Pour Point, °F	-85	-60	-55	-40	-30
(°C)	(-65)	(-51)	(-48)	(-40)	(-34)

Percent By Weight		
	Phosphorous	0.053
	Sulfur	0.111
	Nitrogen	0.018

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