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P.O. Box 131359 • Tyler, CR 2120, Texas 75713, Phone 903.534.8021 • Fax 903.581.4376

Product Data Sheet



NOTE: The information in this publication is the result of careful testing in our laboratories, complemented by selected literature. It does not in any way constitute a guarantee, nor does it serve as a license to operate any patent. Due to widely varying conditions of product use, which are beyond our control, it is strongly recommended that the product be tested for suitability. Product typical properties in this publication are current as of November 16, 2010.

PREMIUM SYNTHETIC BLEND HYDRAULIC

HYPAR SERIES

Summit HyPar ashless hydraulic oils are formulated to meet the requirements of all types of hydraulic systems. HyPar 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.

Summit HyPar 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	22	32	46	68	100
ISO Grade	22	32	46	68	100
Specific Gravity	0.858	0.860	0.864	0.869	0.874
Viscosity					
@ 40°C, cSt	22.0	33.0	45.2	69.0	100
@ 100°C, cSt	4.27	5.47	6.67	8.67	11.5
@ 100°F, SUS	115	171	240	357	542
@ 210°F, SUS	40.6	44.6	48.6	55.4	65.7
Viscosity Index	97	100	95	97	97
Flash Point, °F	400	425	445	475	510
(°C)	(204)	(218)	(229)	(246)	(266)
Fire Point, °F	430	450	475	515	550
(°C)	(221)	(232)	(246)	(268)	(288)
Pour Point, °F	-33	-35	-35	-35	-35
(°C)	(-36)	(-37)	(-37)	(-37)	(-37)

HyPar 32, 46 & 68 do not produce an iridescent appearance (sheen) on the surface of the water when tested in accordance with the U.S. Coast Guard Static Sheen Test.

Percent By Weight	Phosphorous	0.053
	Sulfur	0.111
	Nitrogen	0.018