

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.

HYMAX AW

HyMax AW ashless hydraulic oil is a premium synthetic blend formulated to meet the requirements of all types of hydraulic systems.

HyMax AW Series is rust and oxidation inhibited to protect against rust, wear and the formation of sludge. It is compatible with seal materials normally used in hydraulic systems.

HyMax AW 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.

HyMax AW ashless hydraulic oil is a synthetic blend formulated to meet the requirements of all types of hydraulic systems. It contains additives necessary to meet requirements for Denison HF-0, HF-1, HF-2, Vickers industrial and mobile applications, Cincinnati Milacron P-68, P-69 and P-70 specifications, DIN 51524 Part 2, US Steel 136, 127 AFNOR E 49-606. For viscosities ISO 150 and ISO 220 can be used for circulation systems

Physical Properties

PRODUCTS	AW-15	AW-22	AW-32	AW-46	AW-68	AW-100	AW-150	AW-220
ISO Grade	15	22	32	46	68	100	150	220
Viscosity								
@ 40°C, cSt	15.4	22.3	32.0	42.0	68.0	97.2	146	218
@ 100°C, cSt	3.41	4.30	5.38	6.41	8.67	11.14	15.2	19.9
@ 100°F, SUS	84.1	116.7	165.4	216.0	352.0	505.0	782.0	1149.0
@ 210°F, SUS	37.8	40.7	44.3	47.7	55.8	64.4	67.2	100.0
Viscosity Index	101	101	101	101	101	100	105	104
Specific Gravity	0.860	0.860	0.865	0.868	0.870	0.873	0.89	0.89
Flash Point, °F (°C)	392 (200)	405 (207)	446 (230)	468 (242)	486 (252)	529 (276)	515 (268)	509 (265)
Pour Point, °F (°C)	-6 (-21)	0 (-18)	3 (-16)	5 (-15)	-4 (-20)	-6 (-21)	-6 (-21)	0 (-18)
Emulsion Tendency	40/40/0 10 Mins	40/40/0 10 Mins	40/40/0 10 Mins	40/40/0 10 Mins	40/40/0 10 Mins	40/40/0 10 Mins	40/40/0 10 Mins	40/40/0 10 Mins
ISO 21469	-	-	Yes	Yes	Yes	Yes	Yes	Yes

Shelf Life: HyMax AW Series products have a 5 years shelf life. Shelf life is from the date of manufacture, after which the product should be recertified prior to use.