

Catalys® Hydraulic AW

DESCRIPTION

Catalys Hydraulic AW oils are recommended for all fixed and mobile equipment hydraulic systems. They provide excellent protection for any type of pump operating at high speed. They are also used as general lubricating oils in factories. They are offered in four ISO viscosity grades: 22, 32, 46 and 68.

For hydraulic equipment subject to wide temperature variations, we recommend multigrade "HVI" (High Viscosity Index) type oils such as Catalys Hydraulic HVI oils.

Hydraulic AW 22 can be used for machine tool spindles lubrication where a zinc-free oil is not required.

APPLICATION / BENEFITS

Catalys Hydraulic AW oils exceed the following pump manufacturers standards: PARKER (formerly DENISON) HF0/HF1/HF2 (ISO 32, 46, 68); EATON-Brochure 03-401-2010; FIVES P68 (ISO 32), P69 (ISO 68) and P70 (ISO 46); DIN 51524, Part 2 (ISO 32, 46, 68); General Motors LS-2 (ISO 32, 46, 68); U.S. Steel 126, 127 and 136 (ISO 32, 46, 68), and AFNOR E 48-603 (ISO 32, 46, 68). They are formulated with additives giving them the following characteristics:

- Increased protection against premature wear of high-speed vane pumps, gear pumps as well as axial and radial piston pumps.
- Rapid water separation.
- Anti-rust and anti-foam properties.
- Hydrolytic stability – excellent filtration performance in the presence of water

PHYSICAL PROPERTIES	ASTM METHOD	AW 22	AW 32	AW 46	AW 68
Kinematic viscosity at 40°C, cSt	D445	21,4	32,7	46,9	67,6
Kinematic viscosity at 100°C, cSt	D445	4,27	5,5	6,9	8,74
Viscosity index, min.	D2270	104	103	102	101
Density at 15°C, kg/L	D1298	0,857	0,862	0,867	0,871
Flash Point, °C	D92	198	202	224	228
Pour Point, °C	D97	-42	-39	-39	-36
Oxidation, (hrs) – TOST life	D943	4000+	3500+	3500+	3500+

The values listed above are typical of current production, variations in these properties may occur.

AVAILABLE PACK SIZES

	Bulk	Drum	Pail
Catalys Hydraulic AW 22	07-1530-00	07-1530-05	07-1530-10
Catalys Hydraulic AW 32	07-1657-00	07-1657-05	07-1657-10
Catalys Hydraulic AW 46	07-1658-00	07-1658-05	07-1658-10
Catalys Hydraulic AW 68	07-1659-00	07-1659-05	07-1659-10

THE PACK SIZES ABOVE ARE OUR STANDARD PACK SIZES. PLEASE COMMUNICATE WITH US TO FIND OUT FORMATS AVAILABLE LOCALLY.

HEALTH / SAFETY

GHS compliant English and French Safety Data Sheets are available at catalyslubricants.ca under 'Safety Data Sheets'. Keep container closed when not in use. Please refer to the SDS for safe handling information. Always take used grease and containers to an authorized collection point. Avoid discharge into the environment. As with any grease, keep out of reach of children and animals.

QUALITY

Catalys Lubricants partners with respected industry suppliers to bring you high quality products. For more information, contact your local Catalys Representative. Please ensure this product is right for the equipment by following the recommendations of the equipment operating manual.

CONTACT US

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