

Product Data Sheet



Anti-Wear Hydraulic Oil

CountryMark Advantage™ Anti-Wear Hydraulic Oil is formulated using API Group II base stocks to provide maximum pump life and trouble-free service in industrial and mobile hydraulic systems. Advantage Premium AW hydraulic has an excellent balanced additive system that provides oxidation, thermal stability, anti-rust, demulsibility, anti-wear and antifoam characteristics. The zinc anti-wear agent used in these oils helps minimize wear at high speeds and high pressure, and in vane and gear pumps, while meeting the lubrication requirements of axial piston pumps having bronze and steel metallurgy. In testing (ASTM D-943), ISO 32, 46 and 68 grades provided more than 6500 hours of oxidation stability. This is a special purpose oil (non-detergent).

Features	Advantages	Benefits
Wear Protection	Additive technology used in this oil provides superior protection	Exceeds major hydraulic equipment manufacturers' pump tests
Filtration	Excellent hydrolytic stability with quick water separation	Protection against filter plugging and deposits
Oxidation Stability	Formulated using API Group II base oils and advanced additive technology	Oxidation and thermal stability, reduced sludge formation, and varnish protection

Applications

CountryMark Advantage Anti-Wear Hydraulic Oil is formulated to meet or exceed a variety of specifications and requirements by engine manufacturers, including:

Vickers	I-286-S, M-2950-S, 35VQ25
Denison	TE6-C, HF-1, HF-2, HF-0
Cincinnati Machine	(APPROPRIATE VISCOSITY GRADES) P68, P69, P70
US Steel	136, 127

General Motors	LH-04-1, LH-06-1, LH-15-1
Military	2075-T-H, 2110-T-H, 2135-T-H
Asle	64-1 TO 64-4, 70-1 TO 70-3
B.F. Goodrich	0152
Cetop	RP91H
Lee-Norse	100-1
Jeffrey	No. 87
Afnor	E-48-603 (HM)

Typical Properties

CountryMark Advantage Anti-Wear Hydraulic Oil

	Test	ISO 22	ISO 32	ISO 46	ISO 68	ISO 100
SAE Grade	---	5W	10W	15W	20W	30
Pour Point	D 97	-35	-35	-35	-35	-35
Viscosity Index, min.	D 2770	103	102	101	101	98
Viscosity @40°C	D 445	22	32	45	69.5	98.5
Viscosity @100°C	D 445	4.4	5.4	6.7	8.9	11.1

Safety and Health

A material safety data sheet is available upon request. Avoid prolonged or repeated skin contact. Wash clothing and exposed areas with soap and water.

CountryMark Advantage™ Lubricants
For additional information contact us at 1-800-537-5303
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