

## TROJAN AW-SERIES ANTI-WEAR HYDRAULIC OILS

Trojan AW (Anti-Wear Hydraulic Oils) have been developed to meet the demanding requirements of today's high-pressure, high-output pumps and hydraulic systems. Excellent thin oil film protection is provided to protect pump vanes, pistons, control valves, and actuators found in industrial, marine, or mobile applications.

- Excellent quality high VI paraffinic basestocks
- Anti-wear protection, reduces wear to a minimum
- Rust inhibitor helps fight rust due to contaminants and condensation found in most systems.
- Oxidation inhibitor ensures oil longevity
- Balanced foam inhibition helps to ensure proper hydraulic response and heat transfer.
- Pour depressants improve flow properties at low temperatures.
- Conforms to manufacturer specifications for Vickers, Abex Dennison, and Racine pumps.
- Approved under Dennison's HF-0 and Cincinnati Milacron's Anti-Wear Hydraulic Oil and Lubricant Specifications.
- Also meets or exceeds the requirements of DIN 51524 Part 2.

### Typical Properties:

ISO Viscosity Grade:	<b>32</b>	<b>46</b>	<b>68</b>	<b>100</b>	<b>150</b>	<b>220</b>
Viscosity, cSt @ 40°C:	32	46	68	100	150	220
Viscosity, cSt @ 100°C:	5.34	6.7	8.6	11.2	14.7	19.1
Viscosity Index.:	100	99	98	97	97	97
API Gravity @ 60°F:	31.0	30.5	29.5	29.2	28.7	28.4
Flash Point, COC, °F:	400	430	445	465	475	490
Pour Point, °F:	-25	-20	-20	-10	0	10
Color, ASTM D-1500:	1.0	1.5	2.0	2.0	2.5	2.5
Total Acid Number: ASTM D-664	0.55	0.55	0.55	0.55	0.55	0.55
Rust, ASTM D-665:	Pass	Pass	Pass	Pass	Pass	Pass
Oxidation Resistance: Hrs	2000	2000	2000	2000	2000	2000
C.M. Spec. Number:	P-68	P-70	P-69	N/A	N/A	N/A
Foam Test ASTM D-892, 10 Minutes:	0	0	0	0	0	0
Demulsibility ASTM D1401, Minutes:	15	20	20	20	20	20
Specific Heat @ 100°F: BTU/LB/°F:	0.464	0.464	0.462	0.462	0.460	0.460

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## Product Data Sheet

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