



## PRODUCT BULLETIN

# PROMAX Premium AW Hydraulic Fluid

Product # 181, 154, 123, 139, 140, 141, 142, 193

**CAM2 PROMAX Premium AW Hydraulic Fluids** are premium multi-grade high viscosity index anti-wear hydraulic oils developed to meet the requirements of modern hydraulic systems which operate at low or widely varying ambient temperatures. They are formulated with high quality base stocks to provide stability over a wide range of temperature. They contain specially selected anti-wear agents, rust and oxidation inhibitors, corrosion protection, rapid entrained air release, and anti-foamants for long life service up to **5,000 hours**.

**CAM2 PROMAX PREMIUM AW 10, 15, & 22** are manufactured from specially selected, highly refined, low pour point base stocks and include a pour point depressant for operation in unusually cold conditions. The low pour point minimizes filter plugging in the absence of synthetics.

**CAM2 PROMAX PREMIUM 32, 46, & 68** are premium anti-wear hydraulic fluids with outstanding low temperature characteristics. They are specially formulated for use in mobile equipment hydraulic circuits where wide temperature ranges are encountered. (Cherry pickers, bucket trucks and marine hydraulics).

**CAM2 PROMAX PREMIUM HYDRAULIC AW 100 & 150** oil also can be used for traditional in-plant hydraulic applications, and exceeds most industry hydraulic fluid specifications, including: Denison HF-2, HF-0 Commercial Shearing, Vickers, Sunstrand, Rexnord, Bosch-Rexworth, Volvo, Caterpillar, Hitachi, Komatsu, Parker Hannafin, and Cincinnati Milacron.

## FEATURES

- Excellent oxidative stability providing long-life protection up to 5000 hours\*
- Excellent rust protection
- Non-conductive for use in cherry picker and bucket truck type operations
- Excellent anti-wear protection to pumps, motors, valves, and other hydraulic circuit components
- Excellent anti-foam protection
- Excellent multi-temperature applications
- Excellent thermal stability

## APPLICATIONS

**CAM2 PROMAX PREMIUM HYDRAULIC AW Oil** may be recommended for applications when a premium quality, anti-wear hydraulic oil is required by equipment manufacturers. The oils meet the rigorous performance requirements including Denison HF-O and HF-2, Cincinnati Milacron P-68, P-69, and P-70, Vickers M-2950-S and 1-286-S, DIN 51524 (Part II, III), ANSI 9005-E02-RO, ASTM D6158, GM LS-2, and US Steel 126,127. Passes Vickers 35VQ25 Pump Test.

**CAM2 PROMAX PREMIUM HYDRAULIC AW Oil** provides excellent vane pump wear and protection. Extremely low pump part weight losses were encountered in the ASTM-D-2882 Vane Pump Wear Tests. Piston pump performance is also outstanding. No evidence of wear or distress was observed at the end of the 100.

## COMPATABILITY

**PROMAX PREMIUM HYDRAULIC** fluids are compatible with most other mineral oil based hydraulic fluids. However mineral oil based fluids should never be mixed with specialty type fluids such as fire-resistant or other environmentally acceptable fluids.



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**TYPICAL PROPERTIES**

SAE GRADE	10	15	22	32	46	68	100	150
Product Code	181	154	123	139	140	141	142	193
Viscosity @ 40°C, cSt	10.0	15.0	22.0	32.0	46.0	68	100	150
Viscosity @ 100°C, cSt	2.7	3.5	4.5	5.7	7.1	8.9	11.6	14.7
Viscosity Index	108	112	118	120	115	105	104	97
Flash Point: °F	325	329	338	350	390	390	405	410
Pour Point: °F	-51	-48	-46	-44	-40	-33	-24	-24
Low Temperature Pumpability	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Dielectric, min. KV	+35	+35	+35	+35	+35	+35	+35	+35
Rust Test	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass

Results are typical characteristics, small variations may occur during normal operations.

**Contact your CAM2 representative or CAM2 distributor for additional information.**