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MONROE AW HYDRAULIC OILS

OVERVIEW

MONROE AW HYDRAULIC OILS are special hydraulic fluids formulated from highly refined base stocks and an advanced additive system to deliver ultimate equipment protection with extended service intervals. **MONROE AW HYDRAULIC OILS** deliver optimum fluid performance over a wide range of operating temperatures and conditions. It also exhibits excellent demulsification (water separation), even at high operating temperatures and operating pressures.

APPLICATIONS

MONROE AW HYDRAULIC OILS suitable for use in applications that specify:

- AFNOR NF E 48-603 (HM,HV)
- Bosch Rexroth RDE-90235
- Eaton I-286-5 & M-2950
- ISO 6743/3 (HM, HV)
- AIST (US Steel) 126, 127
- DIN 51524, part 2 & 3 (HLP, HVLP)
- Fives Cincinnati P-68, P-69 & P-70
- ISO 11158 (HM, HV)
- ASTM D6158 HL, HM
- Eaton Brochure 694 for 35VQ25A
- GM LS-2 Anit-wear Hydraulic Oil
- Parker Denison HF-0, HF-1, HF-2

FEATURES & BENEFITS

MONROE AW HYDRAULIC OILS are formulated with premium base stocks that provide oxidation resistance, active anti-wear agents to protect critical hydraulic system components and special additive chemistry to increase corrosion protection. The formulation also minimizes air entrainment.

MONROE AW HYDRAULIC OILS provide greater protection against thermal breakdown for longer oil life, excellent wear protection for increased equipment reliability and increased protection against rust and other chemical attack of metal components.

TYPICAL PROPERTIES

Property	Test Method	22	32	46	68	100
ISO Grade	ISO 3448	22	32	46	68	100
Density @ 15°C	ASTM D4052	0.864	0.868	0.872	0.874	0.881
Viscosity @ 40°C, cSt	ASTM D445	22.0	32.4	47.7	64.7	103.7
Viscosity @ 100°C, cSt	ASTM D445	4.3	5.5	6.9	8.4	11.3
Viscosity Index	ASTM D2270	97	103.5	99.7	98.1	95.0
Flash Point, °C (°F)	ASTM D92	191 (376)	204 (400)	221 (430)	243 (470)	247 (476)
Pour Point °C (°F)	ASTM D97	-48 (-54)	-41 (-42)	-37 (-35)	-32 (-26)	-27 (-17)
Rust Prevention, Dist. H ₂ O	ASTM D665A	Pass	Pass	Pass	Pass	Pass
Rust Prevention, Sea H ₂ O	ASTM D665B	Pass	Pass	Pass	Pass	Pass
Copper Corrosion	ASTM D130	1B	1B	1B	1B	1B
Foam Tendency Seq.I, II, III	ASTM D892	0/0	0/0	0/0	0/0	0/0
Demulsibility @ 130°F	ASTM D1401	38/39/3 (10)	40/40/0 (20)	40/40/0 (20)	39/40/1 (15)	40/40/0 (10)

Material Safety Data Sheets are available for all products.
All reasonable care has been taken to ensure
that the above information is accurate as of the date of printing.