



EMERALDLUBES

Emerald Premium HP AW Hydraulic Oils

PRODUCT DESCRIPTION:

Emerald Premium HP AW Hydraulic Oils are superior anti-wear hydraulic and circulating oils especially formulated from paraffinic base oils to provide excellent thermal and oxidative stability in virtually all machine lubrication and hydraulic fluid applications.

Emerald Premium HP AW Hydraulic Oils are premium products formulated with an effective anti-wear compound compatible with bearing components for hydraulic or circulating systems requiring high quality anti-wear oils, such as those recommended by hydraulic pump and machine tool manufacturers.

APPLICATIONS:

- Hydraulic oil systems, particularly those utilizing positive displacement, high speed/pressure pumps
- Circulating oil systems
- General machine lubrication

BENEFITS & FEATURES:

- Outstanding protection against wear, rust and corrosion
- Extended system life
- Excellent oxidation resistance over long service periods, even with low make-up rates
- Superior demulsibility
- Rapid air separation
- Long-term hydrolytic stability
- Long-term thermal stability
- Excellent filterability

MEETS:

- Denison HF-0, HF-1, HF-2
- GM LS-2
- Vickers M-2950-S (Mobile) and I-286-S (Industrial)
- Cincinnati Machine P-68 ISO 32, P-69 ISO 68,
- P-70 ISO 46

Emerald Lubes

O'Rourke Petroleum Products & Solutions

223 McCarty Drive, Houston, Texas 77029

Phone: 713.672.4500 Fax: 713.672.9425

www.emeraldlubes.com



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TYPICAL PROPERTIES:

Test	Typical Inspections		
	AW32	AW46	AW68
Viscosity, CST @ 40C	31.59	47.74	67.2
Viscosity, CST @ 100C	5.36	6.92	8.43
Viscosity Index	102	100	94
API Gravity, 60 F	31.5	30.5	30
Flash, COC, C (F)	210 (410)	238 (460)	243 (4700)
Pour, C (F)	-26 (-15)	-26 (-15)	-26 (-15)
Oxidation Stability (hrs)	>6000	>6000	>6000

The values shown here are typical of current production. All of them may vary within modest ranges.

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