



Allied Mega EHF Heavy Duty Hydraulic Oil

Contains extra anti-wear additive for added protection, as well as a highly stable viscosity index improver to deliver exceptional shear stability.

Allied EHF Heavy Duty Hydraulic Oil is specially formulated High Performance Extreme Hydraulic Fluid designed to deliver Heavy Duty advanced multi-grade performance across a wide range of the most severe operating conditions and temperatures.

This product contains high viscosity index 100% virgin North American paraffinic base stocks. These base stocks have excellent demulsibility to prevent rust and corrosion, superior thermal and oxidative stability to prevent formation of harmful deposits, high dielectric strength and outstanding low and high temperature properties. They also contain rigorously tested and field proven additives to provide superior wear protection under all operating conditions. They contain anti-foam agents to ensure smooth operation and continuous lubrication.

All Allied products are formulated to meet, or exceed, all relevant industry standards. The chart below highlights the key protection and performance features and benefits provided by **Allied Mega EHF Heavy Duty Hydraulic Oil**.

FEATURES

Utilizes the newest, most advanced, anti-wear hydraulic additive system

Highly stable viscosity modifier

Durable wear protection additives deliver optimized surface protection to all types systems.

Great for high speed vane and gear pumps.

Extreme oxidation and wear protection

Protection against deposit formation

High performance foam suppression additive

BENEFITS

- Superior thermal and oxidative stability to prevent deposit formation and fluid thickening
- Exceptional shear stability maintains proper oil flow and viscosity for outstanding wear protection under all operating conditions
- Excellent demulsibility to prevent rust and corrosion
- Naturally high dielectric strength
- Superior protection against wear to ensure long equipment life
- Excellent anti-foam properties to ensure smooth operation and continuous lubrication



To find out more about our products and services, contact us at: (402) 344-4343 or visit www.alliedoil.com



Allied Mega EHF Heavy Duty Hydraulic Oil

Allied Mega EHF Heavy Duty Hydraulic Oil is recommended for high pressure, high speed hydraulic applications, and meet the warranty specifications for major equipment manufacturers, including:

- Cincinnati Milacron P-68, P-69 and P-70
- Denison HF-2
- DIN 51524, Part 2
- Ford M-6C32
- MIL-H-24459
- AFNOR E 48-603
- Jeffrey No. 87
- GM LH-04-1, LH-06-1 and LH-15-1
- Lee Norse 100-1
- Vickers M-2950-S and M-1-286-S
- ASLE 150-215-315 AW
- U.S. Steel 136/127



Allied Mega EHF Heavy Duty Hydraulic Oil also meets the following tougher specifications:

- Denison HF-0 and HF-1
- Vickers M-2950-S
- Racine variable volume vane pumps

Typical Properties:

PROPERTY	METHOD	HD Hydraulic Oil
IGravity, °API	ASTM D287	32.35
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8636
Viscosity @ 40°C cSt	ASTM D445	46.12
Viscosity @ 100°C cSt	ASTM D445	9.785
Viscosity Index	ASTM D2270	205
Pour Point °C (°F)	ASTM D5950	-48°C (-54°F)
Oxidation Hours	ASTM D943	5000
Color	ASTM D 1500	0.5
Zinc, wt. %	ASTM D 5185	0.041
Phosphorus, wt. %	ASTM D 5185	0.033
Calcium, wt. %	ASTM D 5185	0.003
Sulfur, wt. %	ASTM D 4951	0.065

CLAIMS INFORMATION

Cincinnati Machine/
Milacron P-70
Denison HF-0
Denison HF-1
Denison HF-2
Vickers I-286-S
US Steel 127, 136
DIN 51524, Part 2
General Motors LS-2
JCMAS HK
Bosch Rexroth

**ALWAYS CONSULT OWNERS MANUAL FOR
CORRECT TRANSMISSION FLUID REQUIREMENTS**

Due to our goal of continuous improvement and commitment to keep pace with changing requirements, the information contained in this product sheet is subject to formulation changes without notification. Check with your Allied sales representative to make sure you have the most up-to-date product sheet. The version to reference is located in the right hand corner of this product sheet.

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