



Allied All Weather Hydraulic Oil

Specially formulated for dependable lubrication for a wide variety of applications.

Allied All Weather Hydraulic Oil uses 100% high viscosity index 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 hydraulic additives to provide superior wear protection under all operating conditions. They contain anti-foam agents to ensure smooth operation and continuous lubrication.

Allied All Weather Hydraulic Oil contains extra anti-wear additive for added protection, as well as a viscosity index improver to provide superior performance over a wide range of temperatures.

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 All Weather Hydraulic Fluid**.

FEATURES

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

BENEFITS

- Superior thermal and oxidative stability to prevent deposit formation and fluid thickening
- 100% virgin high viscosity index fluids help maintain 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 All Weather Hydraulic Oil

Allied All Weather Hydraulic Oil are recommended for most hydraulic applications, and meet the warranty specifications for major equipment manufacturers, including:

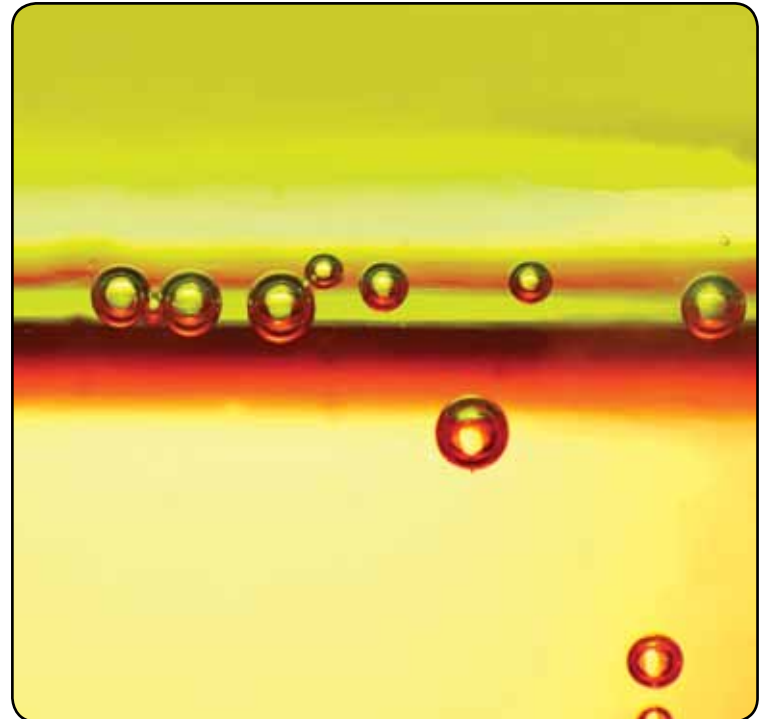
- Cincinnati Milacron P-68, P-69 and P-70
- SAE MS1004
- DIN 51524, Part 2, 3 HVLP
- Bosch Rexroth
- JCMAS HK
- Denison HF-O
- Vickers M-2950-S and M-1-286-S
- U.S. Steel 136/127
- GM LS-2
- Denison HF-0 and HF-1
- Vickers M-2950-S

Typical Properties:

PROPERTY	METHOD	All Weather
Gravity, °API	ASTM D287	33.09
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8597
Viscosity @ 40°C cSt	ASTM D445	44.86
Viscosity @ 100°C cSt	ASTM D445	7.89
Viscosity Index	ASTM D2270	148
Pour Point °C (°F)	ASTM D5950	-42°C (-44°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

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 VISCOSITY GRADE

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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