



**LEAHY·WOLF**

Lubricating specialists since 1946



## Leahy-Wolf Crystal AAW Premium Hydraulic Lubricants – 32, 46, 68

Engineered to extend the service life in high output and conventional hydraulic systems, Leahy-Wolf Crystal AAW performs at an optimum level, even in the presence of water. A top-notch Group II lubricant, Leahy-Wolf Crystal AAW exceeds the most severe industry vane and piston pump tests. Leahy-Wolf Crystal AAW leads the industry with 0% foam production due to its advanced anti-foam technology. Specially formulated for low oxidation, Leahy-Wolf Crystal AAW's additives keep sediments from forming and collecting in filter and drainage systems.

### Advantages:

- Premium Group II base oils and additives
- Formulated to meet (and exceed) requirements of current high output hydraulic systems
- Exceptional water contamination performer
- 0% foam production
- Non-acidic composition
- High oxidation stability
- Excellent deposit control
- Protection in high-pressure, elevated temperature
- Meets or exceeds industry testing in all categories
- Ashless Anti-wear Chemistry

### Problem:

*Water is the number one culprit in the wear of hydraulic systems. Temperature, climate conditions, elevation and condensation from from the actual hydraulic process can cause moisture to build up. That water creates foam, causes corrosion, and can allow for acid build up.*

### Solution:

*Leahy-Wolf Crystal AAW counters water contamination. Most hydraulic fluids become acidic over time when contaminated with water. Crystal aaw remains basic in these conditions, avoiding corrosion, oxidation, viscosity increase and dangerous foaming.*

### Applications

MANUFACTURER	SPECIFICATION	APPLICATION
Denison	HF-0 HF-1 HF-2	For use in Axial and Vane Pumps For use in Axial Pumps For use in Vane Equipment
Vickers (Eaton)	M-2950-S I-286-S	Antiwear Fluids for Mobile Systems Antiwear Fluids for Industrial Systems
Cincinnati-Machine	P-70	Medium Antiwear Hydraulic Oil
DIN 51524	Part 2	Antiwear Hydraulic Oil
General Motors	LS-2	Antiwear Hydraulic Oil
AAMA	51524 (ii)	Antiwear Hydraulic Oil
U.S. Steel	126 & 127 136	Extra-Duty Antiwear Hydraulic Oil Extra Duty Circulating Oil
Bosch Rexroth	RE 90 220	
SAE	MS 1004	

### Physical Properties of Crystal AAW Fluids

ISO Grade	32	46	68
Kinematic Viscosity			
cSt@40°C	33.6	46.0	64.6
cSt@100°C	5.6	6.8	8.5
Saybolt Viscosity			
SUS@100°F	173	237	334
SUS@210°F	45.0	49.0	54.8
Viscosity Index	104	101	102
Flash Point, °F(°C)	432(222)	435(224)	435(224)
Pour Point, °F(°C)	-27(-33)	-22(-30)	-22(-30)

**Leahy-Wolf Crystal AAW exceeds the most severe industry vane and piston pump tests, even with 1% water contamination**