

# HYDROFLUID AW



## Performance Level:

Denison HF-0, Vickers I-286-S3, M-2950-S, Racine, Cincinnati Milacron P-68, P-69, P-70, DIN-51524 Part 2, Ford M-6C32, General Motors LH-04-01, LH-15- 1, AFNOR NFE 48-603 (HM).

## Product Description:

Superior quality high index, anti-wear hydraulic oil. It is carefully formulated with a high VI base stock and an advanced technology additive package. It contains highly effective anti-wear rust and corrosion inhibitor combined with foam depressant. It is recommended for hydraulic systems of all stationary and mobile equipment. It can also be used in pumps and compressors operating at high temperatures and under extreme pressure. It is suitable for the hydraulic system in industry, earthmoving machine, and quarry equipment.

## Main Benefits:

- ❖ Superior filterability.
- ❖ Excellent oil seal compatibility.
- ❖ High thermal stability ensuring longer oil life.
- ❖ Cleaner servo valves, less chances for sticking.
- ❖ Multi- metal compatibility under wet and dry conditions.

## Application:

Recommended for vane, gear, and piston type hydraulic pumps. Can be widely used in machine tools, presses, die casting equipment, plastic injection molding machines, circulating systems, and hydraulic control systems. Excellent for use in the lubrication of plain and antifriction bearings, air line lubricators, reciprocating air compressors, and moderately loaded gear sets

Physical Characteristics	Test Method	Typical Values						
		10W	32	46	68	100	220	
SAE Grade								
Specific Gravity @ 60/60 F	ASTM D-4052	0.8770	0.8775	0.8795	0.8815	0.8845	0.8915	
Kinematic Viscosity	ASTM D-445							
@ 40 °C, cSt		32.50	31.50	45.50	68.50	100.50	220.50	
@ 100 °C, cSt		5.45	5.35	6.75	8.75	11.35	19.20	
Viscosity Index	ASTM D-2270	102	102	101	99	99	98	
Flash Point, COC, C	ASTM D-92	220	218	224	228	240	256	
Pour Point, C	ASTM D-97	-36	-36	-33	-24	-18	-15	