



# ATLANTIC X HYDRAULIC OILS AW

Very High Performance Anti-Wear Hydraulic Oils

## DESCRIPTION

ATLANTIC X HYDRAULIC OILS AW are supreme performance anti-wear mineral oil based hydraulic oils specifically formulated to satisfy the needs of leading hydraulic equipment manufacturers. ATLANTIC X HYDRAULIC OILS AW are enriched with additives that provide anti-wear, anti-oxidant, anti-corrosion, and anti-foam properties.

## APPLICATIONS

ATLANTIC X HYDRAULIC OILS AW are formulated to meet the stringent needs of hydraulic system manufacturers that operate under extreme conditions of high pressure, temperature, or speed. It is ideal for hydraulic systems from brands such as Vickers, Gerotor, Gresen, HPM, Denison, Cessna, Hydreco, and Worthington. Additionally, it is effective for lubricating workshop machinery, reducing gears, bearings, compressed air systems, and air screw compressors.

## PROPERTIES

ATLANTIC X HYDRAULIC OILS AW series provide outstanding oxidation resistance allowing extension of oil and filter change intervals. Their high level of anti-wear properties and excellent film strength characteristics result in exceptional equipment performance that not only results in fewer breakdowns but helps improve production capacity. Their controlled demulsibility permits the oils to work well in systems contaminated with small amounts of water yet readily separate large amounts of water.

## PERFORMANCE FEATURES AND BENEFITS

- High protection against wear insuring maximum equipment life.
- Superior thermal stability avoiding formation of sludge even at high temperature.
- Very good oxidation stability ensuring a long service life of the fluid
- Excellent hydrolytic stability avoiding filter blocking.
- Excellent protection against rust and corrosion.
- Good anti-foam and air release properties
- Good demulsibility ensuring rapid water separation
- Reduced maintenance and operating costs
- Remarkable filterability even in the presence of water

## RECOMMENDATIONS / SPECIFICATIONS

AFNOR NF E 48-603 HM, AFNOR NF E 48-690, AFNOR NF E 48-691, DIN 51524 Part 2, ISO 11158, HM, ISO 6743-4, HM, DENISON HF-2, EATON VICKERS I-286-S, EATON VICKERS M-2950-S

## TYPICAL TECHNICAL PROPERTIES

PRODUCTS CODE:	IL-04-HF-25004	IL-04-HF-25005	IL-04-HF-25006
ISO Viscosity Grade	100	150	320
Appearance, Visual	B&C	B&C	B&C
Density at 15°C, g/ml, ASTM D4052	0.887	0.889	0.898
Kinematic Viscosity at 40°C, mm²/s, ASTM D445	101	156	316
Kinematic Viscosity at 100°C, mm²/s, ASTM D445	11.4	14.9	23.9
Viscosity Index, ASTM D2270	99	95	96
Flash Point(COC), °C, ASTM D92	240	240	250
Pour Point, °C, ASTM D97	-24	-24	-12
TAN, mg KOH/g, ASTM D974	0.4	0.4	0.4
Copper strip corrosion, 3 hrs @ 100°C, ASTM D130	1B	1B	1B
Rust protection Proc B, ASTM D665	PASS	PASS	PASS

Note: These characteristics are typical of current production. While future production will conform to Atlantic's specification, variations in these characteristics may occur.

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\* supersedes all previous versions

**Packing:** 4L, 5L, 18L, 20L, 25L, 200L, 205L, 208L, 210L