



UFA ANTI-WEAR HYDRAULIC OIL

premium QUALITY

UFA Anti-Wear Hydraulic Oil is a premium quality oil for use in all types of piston, gear and vane pumps. Its optimum anti-wear performance and superior thermal, oxidative and hydrolytic stability makes it ideal for use in industrial, mobile and marine system applications. It is fully inhibited to protect equipment against rust and corrosion and is proven to exceed 3000 hours on the Test for Oxidative Resistance (TOST).

product APPLICATION

- For use in all types of piston, gear and vane pumps used in industrial, mobile and marine systems.
- Recommended for use in equipment operating in high temperature and high humidity environments.
- When the correct viscosity grade is chosen, UFA AW Hydraulic Oils meet the requirements of all major hydraulic pump manufacturers including:

performance SUMMARY

<u>Specifications</u>	<u>Application</u>
AFNOR E 48-603x	✓
B.F. Goodrich - 0152	✓
Cincinnati Milacron - P-68, P-69, P-70	✓
Denison - HF-0, HF-1, HF-2	✓
DIN 51524, -2	✓
Ford - M-6C32	✓
General Motors - LH-04-1, LH-06-1, LH-15-1	✓
Jeffery - #87	✓
Lee Norse - 100-1	✓
Racine - Model S, variable volume vane pump	✓
U.S. Steel - 136, 127	✓
Vickers - I-286-S, M-2950-S, 35VQ25	✓

*Always check original manufacturer's recommendations when selecting performance and viscosity requirements.

performance **BENEFITS**

- Proven field performance
- Superior thermal, oxidative and hydrolytic stability
- Good multi-metal compatibility - low copper activity
- Enhanced filterability to minimize blockage due to water contamination
- Rapid separation of oil and water - demulsibility
- Special antifoam agents to prevent air entrainment
- Manufactured with high quality Group II base oils for added oxidation (rust and corrosion) resistance and extended service life

typical **PROPERTIES**

ISO Viscosity Grade	22	32
Density (kg/L)	0.849	0.853
Kinematic Viscosity, cSt		
@ 40°C	22	32
@ 100°C	4.4	5.6
Viscosity Index	114	114
Flash Point (°C)	210	210
Pour Point (°C)	-42	-39
TAN	0.32	0.32
Zinc, % mass	0.04	0.04
Rust (D 665) A & B	Pass	Pass
4-Ball Wear (mm scar)	0.3	0.3
Approximate Temperature Range, °C	-20 to 50	-13 to 66
Oxidation Stability, TOST (hours)	4000+	3500+

*Values shown here are typical and may vary.

available **SIZES**

	205L DRUM	18.9L PAIL
AW22	1123836	1123837
AW32	1123838	1123839

For additional information, please contact your local UFA Petroleum agent or Petroleum Sales Representative.