



# ADVANCED

## OILPRO™ ADVANCED™ INDUSTRIAL AW HYDRAULIC OILS

OILPRO™ ADVANCED™ Industrial AW Hydraulic Oils are long-life hydraulic oils. They are formulated with high quality base stocks resulting in improved oxidation resistance, viscosity retention, and cold flow properties. These fluids are designed to protect high-pressure vane and piston pumps as well as numerically controlled machine tools where an anti-wear hydraulic fluid is specified. OILPRO AW products provide superior resistance to oxidation, corrosion, wear, sludge, varnish, emulsification, and foaming.

### BENEFITS

- High thermal and oxidation stability that reduces the formation of sludge & oxidation
- Excellent filterability & extended fluid life for longer service intervals
- Premium anti-wear chemistry for improved energy efficiency
- Advanced OEM level protection with a 5,000 hour typical fluid life

## PRODUCT CLASSIFICATION & APPLICATIONS

### MEETS THE REQUIREMENTS OF:

- Parker-Hannifin HF-0, HF-1, HF-2 (HM,HV)
- Eaton Vickers I-286-S, M-2950-S
- Bosch Rexroth RE 90220
- GM LS-2
- AIST (US STEEL) 126, 127, 136
- ANSI/AGMA 9005-E02-RO
- Cincinnati Machine P-68, P-69, P-70
- Denison HF-1, HF-2, HF-0
- DIN 515506, VDL(LG), 51524 part 2,3
- JCMAS P041 HK
- SEB 181222
- AISO 11158 (HM, HV)

### TYPICAL PROPERTIES

ISO VG	32	46	68
Density, (lb/gal)	7.109	7.156	7.215
Density, (g/mL)	0.853	0.858	0.865
API Gravity	34.5	33.4	32.2
cSt @ 40C	32	46	68
cSt @ 100C	5.65	7.10	9.18
Viscosity Index	117	115	112





## TYPICAL PROPERTIES

Properties		Method	OILPRO ADVANCED
Viscosity Grade		ISO 3448	320
Gravity °API		ASTM D 1298	26.1
Kinematic Viscosity	@40°C cSt	ASTM D 445	320
Kinematic Viscosity	@100°C cSt	ASTM D 445	23.1
Kinematic Viscosity	@100°F SUS	Calculated	1483
Kinematic Viscosity	@210°F SUS	Calculated	112
Viscosity Index		ASTM D 2270	95
Colour		ASTM D 1500	4
Pour Point	°C	ASTM D 5950	-6
Flash Point (COC)	°C	ASTM D 92	255
Acid Number	mg KOH/g	ASTM D 974	0.05
Cu Corrosion, 3 hrs	@100°C	ASTM D 130	1b
Rust, Synthetic Sea Water		ASTM D 665B	Pass
Water Demulsibility	@82°C mins	ASTM D 1401	20
Water Demulsibility (ml of free water before centrifuging)	@52°C	ASTM D 2711	32
Foam Test, Seq II	ml foam at 0/10 mins	ASTM D 892	30/0
Oxidation Control Test : TOST	hrs	ASTM D 943	1200+
Oxidation Control Test : RPVOT	mins	ASTM D 2272	400+
ANSI/AGMA Lubricant NO. 9005-D94			6

## HEALTH, SAFETY & ENVIRONMENT

### HEALTH & SAFETY

**Oilpro Ultramax Full Synthetic** is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained. Avoid contact with skin and use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Guidance on Health and Safety is available on the appropriate Safety Data Sheet, which can be obtained from <http://www.taylorlubricants.com>

### ENVIRONMENT

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

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