

ADVANTAGE PREMIUM AW SERIES HYDRAULIC OILS

OVERVIEW

ADVANTAGE PREMIUM AW SERIES HYDRAULIC OILS are highly refined, superior quality, anti-wear hydraulic oils recommended for use in a wide range of applications. Designed for use in piston, gear pumps, and vane pumps used in industrial and mobile hydraulic systems, **ADVANTAGE PREMIUM AW SERIES HYDRAULIC OILS** provide exceptional wear protection for pumps, motors, and other hydraulic system components.

FEATURES & BENEFITS

ADVANTAGE PREMIUM AW SERIES HYDRAULIC OILS utilize only the best hydrotreated base stocks for long service life, contain a high level of anti-wear and additive technology for exceptional protection and resistance to oxidation, rust, corrosion, and foaming and offer premium component protection and smooth power transmission. **ADVANTAGE PREMIUM AW SERIES HYDRAULIC OILS** also offer a high dielectric strength for applications requiring an electrical insulating fluid. *

APPLICATIONS

ADVANTAGE PREMIUM AW SERIES HYDRAULIC OILS are designed for a variety of applications including hydraulic systems, mining equipment, and moderately loaded gear sets, as well as for general purpose lubrication.

SPECIFICATIONS

AFNOR NF E 48-603 (HM) , NF E 48-690, NF E 48-691 • AIST 126 (US Steel) • AIST 127 (US Steel) • ANSI/AGMA 9005-E02-RO • ASLE 64-1 to 64-4, 70-1 to 70-3 • ASTM D6158 • Bosch Rexroth 90220 Type HLP • CETOP RP91H • Cincinnati Machine P-68, P-69 & P-70 • DIN 51524-2 HLP • Eaton I-286-S3 (Industrial equipment) • Eaton M-2950-S (35VQ25 pump test) • GM LS-2 • ISO 11158 categories HH, HL, HM, HR and HV • ISO 20763 Conestoga vane pump test • JCMAS P041 HK Hydraulic Specification • Parker (Denison) HF-0, HF-1 & HF-2 (T6H20C pump testing) • SAE MS1004 • SEB 181222

**Dielectric strength measurement given at point of manufacture. Dielectric strength deteriorates rapidly with contamination from particulates and moisture; oil must be kept clean and dry at all times.*

TYPICAL PROPERTIES

Product Code	476	477	478
Product	AW 32	AW 46	AW 68
Viscosity, cSt @ 40 °C	32	46	68
Viscosity, cSt @ 100 °C	5.5	6.8	9.0
Viscosity Index	110	105	104
Flash Point, COC, °F, min	405	410	453
Pour Point, °C, max	-38	-37	-34
Zinc, wt. %	.050	.050	.050
Oxidation Stability	6000+	6000+	6000+
Copper Corrosion	1A	1A	1A
Rust Test	Pass	Pass	Pass
FZG Pass, Load Test	10	10	10
Color, max	0.5	1.0	1.0