

## ADVANTAGE SELECT AW SERIES HYDRAULIC OILS

### OVERVIEW

ADVANTAGE SELECT AW SERIES oils are highly refined, very good quality, general-purpose anti-wear hydraulic oils. These oils are manufactured using the latest technologies, and may be comprised of virgin, re-refined, or a combination of both base stocks.

### FEATURES & BENEFITS

ADVANTAGE SELECT AW SERIES oils provide good wear protection for pumps, motors, and other hydraulic system components. The products have very good oxidation resistance, rust and corrosion protection and foam resistance.

### APPLICATIONS

ADVANTAGE SELECT AW SERIES oils are recommended for a variety of applications including: hydraulic systems, mining equipment and moderately loaded gear sets, as well as general purpose lubrication.

### SPECIFICATIONS

AFNOR NFE 48-603 (HM) • Bosch Rexroth RE 90220, Type HLP • DIN 51524 Part 2, Antiwear Hydraulic Oils, Type HLP • Eaton-Vickers I-286- S, M-2950-S, 35VQ25A • Cincinnati P-68 (ISO VG 32), P-70 (ISO VG 46), P-69 (ISO VG 68) • German Steel Industry SEB181222 • ISO 11158:1997, Family H (Hydraulic Systems), Type HM • Parker Hannifin (Denison) HF-0, HF-1, HF-2 • U.S.Steel 127

### TYPICAL PROPERTIES

Product Code	416	417	418
ISO Viscosity Grade	32	46	68
Gravity, API (D287)	31.5	30.0	28.5
Viscosity, cSt @ 40 °C	32.3	46.4	67.7
Viscosity, cSt @ 100 °C	5.4	6.8	8.7
Viscosity Index	100	100	100
Oxidation Stability, (D943)	3500+	3500+	3500+
FZG Pass, Load Test	10	10	10
Color, (D1500)	L1.0	L1.5	L2.0
Zinc, % wt.	.045	.045	.045
Flash Point, COC °C	207	210	211