

POWEROIL ULTIMO **HIGH PERFORMANCE ANTIWEAR HYDRAULIC OILS FOR ALL SEASONS**

POWEROIL ULTIMO oils are formulated with latest generation anti-wear hydraulic oil additive packages with high Quality Base stocks to meet and maintain high performance with improved Wet filterability characteristics.

APPLICATION

- Recommended for use in hydraulic and fluid power transmission systems subjected to low temperature conditions.
- Multi-grade viscosity characteristics of Poweroil Ultimo oils make them suitable for Off Highway, Heavy earth moving and construction equipment, screw compressors, portable compressors and circulating systems even under subzero temperatures where similar ISO VG oils are recommended.

PERFORMANCE BENEFITS:

- Excellent Anti-wear properties
- Low Temperature Fluidity
- Very High Shear Stability
- Superior Water Tolerance
- Good Oxidation and Thermal Stability
- Extended Pump durability

PERFORMANCE STANDARDS:

POWEROIL Ultimo oils are anti-wear hydraulic oils designed to deliver premium performance meeting:

Denison Hydraulic HF-O, HF-2 (Also meets T6H20C dry and Wet phase performance)

Bosch Rexroth RE 90220-01/10.11(VG 32,46 & 68)

Eaton M-2950-S and Eaton I-286-S3

Cincinnati Milacron P-68, P-69 and P-70

DIN 51524 part 2 and part 3

AFNOR NF E 48-603 (HM)

ASLE 64-1 TO 64-4, 70-1 TO 70-3

CETOP RP91H

TYPICAL CHARACTERISTICS

CHARACTERISTICS	POWEROIL ULTIMO			
	32	46	68	100
Appearance	Bright and clear	Bright and clear	Bright and Clear	Bright and Clear
Density @ 29.5 °C, gm/cc	0.832	0.838	0.845	0.863
Colour	< 1	< 1	< 1	< 1
Kin, Viscosity @ 40 °C, cSt	32	46	68	95
Viscosity Index	150	150	150	140
Pour point, C, Max.	-39	-33	-30	-27
Flash Point ,COC, °C, Min.	200	204	210	215
Cu Corrosion at 100 °C,	1a	1a	1a	1a
TAN, mg KOH/gm.	0.35	0.35	0.35	0.35
Rust Test 24 hrs, Synthetic Sea Water	Pass	Pass	Pass	Pass
FZG Gear failure load stage	11	12	12	12

The above properties are typical values and do not constitute specification of the product