

ANTI-WEAR HYDRAULIC OIL

ECOPOWER® Anti-Wear Hydraulic Oils contain a zinc/phosphorous additive to minimize wear in high speed, high-pressure vane, gear, and piston pumps. Meets Cincinnati Machine P-68, P-69, P-70, Denison HF-0, HF-1, HF-2, Vickers 35VQ25, Eaton/Vickers M-2950-S, I-286-S, Ford M6C32, Chrysler, General Motors LS-2, and US Steel 136 specifications for stability and durability.

Since ECOPOWER® is made from recycled and re-refined used motor oil, it satisfies recent Federal directives for government agencies to use recycled/recovered materials, including:

- Executive Order 13423, signed in 2007 by President Bush, mandates “in Federal agency acquisitions of goods and services use of sustainable environmental practices, including acquisition of bio-based, environmentally preferable, energy-efficient, water-efficient, and recycled-content products”
- Section 6002 of RCRA that requires federal agencies to “procure such items composed of the highest percentage of recovered materials practicable”
- Federal Regulation 23.4 that requires Federal Agencies to “use recovered materials to the maximum extent practicable”

TYPICAL PROPERTIES

ECOPOWER®	ISO GRADE	22	32	46	68	100	150
AGMA Grade		-	-	1	2	3	4
Color		L 1.0	L 1.0	L 1.5	L 2.5	L 3.0	L 4.5
Specific Gravity (60°F)		0.851	0.854	0.857	0.865	0.871	0.877
Kinematic Viscosity							
cSt @ 40°C		22.5	32.5	43.6	66.5	98.3	148.6
cSt @ 100°C		4.5	5.7	6.9	9.0	11.7	15.1
Viscosity Index		111	115	114	111	107	102
Flash Point, °C		218	230	248	254	252	252
Pour Point, °C		-42	-39	-36	-33	-21	-12
Demulsibility D1401		Pass	Pass	Pass	Pass	Pass	Pass
Oxidation Stability D943, hrs		4000	6500	6500	5500	2000	2000
Rust Characteristics D665, A & B		Pass	Pass	Pass	Pass	Pass	Pass
Copper Corrosion		1A	1A	1A	1A	1A	1A

Note: Values shown above are representative of current production and may vary within modest ranges.

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