

P-ACO SERIES

PREMIUM PETROLEUM LUBRICANTS

APPLICATIONS:

The P-ACO Series is a group of high performance, multifunctional lubricants designed for use in many industrial applications. These are considered environmentally friendly since they are zinc free. These premium petroleum oils are Ultrachem's answer for petroleum oils where OEM specifications are critical. They are very useful where frequent change outs are necessary due to poor environments prone to contamination from dust, acids, solvents, gases, or other contaminants. The P-ACO Series has a service life of 2,000 – 3,000 hours under good operating conditions in rotary screw compressors and up to 2,000 hours in reciprocating compressors.

The additive chemistry found in this series provides high performance ashless hydraulic fluids and compressor oils with antiwear properties.

TYPICAL INDUSTRIAL APPLICATIONS:

- Rotary Screw Compressors
- Rotary Vane Compressors
- Centrifugal Compressors
- Reciprocating Compressors
- Vacuum Pumps
- High Pressure Hydraulic Systems
- High Pressure Turbines

PERFORMANCE BENEFITS:

- Excellent rust and oxidation inhibitors
- Zinc free
- Will not foam
- Great demulsibility

These P-ACO oils are suitable for antiwear hydraulic fluids according to: Cincinnati Machine P-68, P-69, P-70; Denison HF-0, HF-1, HF-2; DIN 51524, Part 2 and 3 (HLP, HVLP); ISO 6743/4 (HM, HV); ISO 11158 (HM, HV); AFNOR NF E 48-603 (HM, HV), SS 155434; SEB 181 222; U.S. Steel 126, 127 and 136, and for compressor oils according to: DIN 51506 (VBL, VCL, VDL); ISO / DP 6521 (DAA, DAB, DAH, DAG)

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HEALTH & SAFETY

To obtain an SDS on this or any other Ultrachem product, please contact your representative.

TECHNICAL SUPPORT

To learn more about Ultrachem products and applications please contact us at info@ultracheminc.com



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ULTRACHEM

TYPICAL PROPERTIES	TEST METHOD	P-ACO 22	P-ACO 32	P-ACO 46	P-ACO 68	P-ACO 100
ISO Grade	ASTM D2422	22	32	46	68	100
Viscosity @ 40°C,cSt	ASTM D445	22	34	45	69	95
Viscosity @ 100°C,cSt	ASTM D445	4.7	5.3	7.3	9.3	11.5
Viscosity Index	ASTM D2270	136	136	120	112	109
Flash Point, °C/°F	ASTM D92	204/400	204/400	216/420	217/424	226/439
Pour Point, °C/°F	ASTM D97	-43/-45	-43/-45	-37/-34	-34/-29	-29/-20
Copper Corrosion	ASTM D130	1b	1b	1b	1b	1b
Rust – Sea Water	ASTM D665B	Pass	Pass	Pass	Pass	Pass
Specific Gravity	ASTM D4052	0.85	0.86	0.87	0.87	0.88

TYPICAL PROPERTIES	TEST METHOD	P-ACO 150	P-ACO 220	P-ACO 320	P-ACO 460
ISO Grade	ASTM D2422	150	220	320	460
Viscosity @ 40°C,cSt	ASTM D445	159	240	330	437
Viscosity @ 100°C,cSt	ASTM D445	15.9	20.8	25.6	30
Viscosity Index	ASTM D2270	102	105	100	98
Flash Point, °C/°F	ASTM D92	232/439	260/450	265/509	271/520
Pour Point, °C/°F	ASTM D97	-29/-20	-25/-13	-10/-14	-23/-9
Copper Corrosion	ASTM D130	1b	1b	1b	1b
Rust – Sea Water	ASTM D665B	Pass	Pass	Pass	Pass
Specific Gravity	ASTM D4052	0.89	0.87	0.89	0.89

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