

P-MPG EP SERIES

PETROLEUM MULTI-PURPOSE EP GEAR OILS

Applications:

The P-MPG EP Series are proven extreme pressure industrial lubricants made from highly refined based stocks and modern additive technology. They are exceptionally stable over a wide range of temperatures, have high load-carrying capacity, and quickly separate from water.

Typical Industrial Applications:

- Enclosed Gear Units: i.e. Spur, Helical, Bevel & Worm Gears
- Agitator Drives
- Centrifuge Gear Boxes
- Extruder Reducers
- Plain and Roller Contact Bearings
- Circulating and Splash Lubricated Systems
- Mist Systems
- EP Industrial Applications

Performance Benefits:

- Wide temperature range
- Intended for heavy-duty extreme pressure industrial applications
- Meets or exceeds the requirements for Cincinnati Milacron P-35, P-59, P-63, P-74, P-77; DIN 51517 Part 3; US Steel 224; David Brown S1.53.101; AGMA 9005-D94 Grades 2EP thru 7EP.

01/16

HEALTH & SAFETY

To obtain an MSDS 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

MADE
IN
USA



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TYPICAL PROPERTIES	TEST METHOD	P-MPG 68 EP	P-MPG 100 EP	P-MPG 150 EP	P-MPG 220 EP	P-MPG 320 EP	P-MPG 460 EP
AGMA Number		2EP	3EP	4EP	5EP	6EP	7EP
Viscosity @ 40°C,cSt	ASTM D445	68	100	150	220	320	460
Viscosity @ 100°C,cSt	ASTM D445	8.8	11.0	15.0	19.3	25.0	28.5
Viscosity Index	ASTM D2270	99	98	98	95	95	95
Gravity, °API		27.9	27	27	26.5	26.1	24.1
Flash Point, °C/°F	ASTM D92	204/400	210/410	213/415	213/415	232/450	238/460
Pour Point, °C/°F	ASTM D97	-21/-5	-21/-5	-21/-5	-18/0	-18/0	-18/0
Load Carrying Properties							
Timken OK Load, lb.	---	60	60	60	60	60	60
4Ball EP Test	ASTM D2783						
Load-wear index, kg		42	42	42	42	43	46
Weld Point, kg	---	260	250	250	250	250	250
4Ball wear test	ASTM D2266						
20kg, 1800 rpm, 54°C/1 hr Wear scar diameter, mm		0.25	0.25	0.25	0.25	0.25	0.25
FZG Gear Test, stages		12	12	12	12	12	12
Demulsibility	ASTM D2711						
Total Free Water, ml		86.3	85.5	84.1	82.2	83.0	84.9
Emulsion, ml		0.1	0.1	0.1	0.1	0.1	0.1
Copper Corrosion	ASTM D130	Pass	Pass	Pass	Pass	Pass	Pass
Rust Prevention	ASTM D665	Pass	Pass	Pass	Pass	Pass	Pass
Foam Test	ASTM D892	Pass	Pass	Pass	Pass	Pass	Pass
Lbs./Gal.		7.34	7.42	7.42	7.51	7.51	7.59
Specific Gravity		0.88	0.89	0.89	0.90	0.90	0.91

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