

PRODUCT BULLETIN

Industrial EP Gear Oil GL-4

PRODUCT #515, 516, 517, 518, 519, 520, 521

CAM2 Industrial EP Gear Oils are heavy duty EP (extreme pressure) gear lubricants (GL-4) formulated for use in industrial gear sets, bearings, circulating systems and gear reducers. They protect gears and bearings by providing excellent load carrying capability, water demulsibility, oxidation stability and corrosion resistance.

CAM2 Industrial EP Gear Oils contain a legacy sulphur-phosphorus additive system that provides outstanding EP properties as well as rust and oxidation inhibition. An additional corrosion and oxidation inhibitor and metal passivator are included to ensure maximum protection of contacting parts.

Designed primarily for use in stationary industrial gear lubrication, the robust additive system also provides adequate wear protection in industrial mobile equipment operating under high loading and shock loading conditions. The reduction in the coefficient of friction may allow for extended service operation under normal operating conditions if an oil monitoring program is in place.

APPLICATIONS

- Enclosed gear sets calling for EP Gear Oil
- Open gear drives (heavy grades only)
- Gear sets with spur, bevel, spur bevel, spiral bevel or herringbone gears
- Plain and anti-friction bearings, chain drives, sprockets
- Manual transmissions and gear reducers calling for EP Gear Oil
- Bath, splash, circulating or mist systems

FEATURES

- **Excellent thermal & oxidative stability** - Helps extend oil life and drain intervals and reduce oil consumption, which can lower maintenance costs
- **Excellent load carrying ability** - for use in severe service applications as measured by FZG and Timken OK
- **Excellent extreme pressure performance** - minimizes scuffing and micropitting extending service life
- **Excellent water separation** - excellent demulsibility even in the presence of salt water
- **Excellent sludge prevention** - oxidative stability eliminates sludge buildup
- **Available in wide range of ISO grades** to match most applications

APPLICATIONS

CAM2 Industrial EP Gear Oils may be recommended for the following applications:

- API GL-4
- DIN 51517-3
- SAE J2360
- US Steel 224 Gear Oils
- AGMA EP Gear Oils 2EP, 3EP, 4EP, 5EP, 6EP, 7EP, 8EP
- MAG Cincinnati, Cincinnati Machine P-63 (ISO 68), P-76 (ISO 100), P-77 (ISO 150), P-74 (ISO 220), P-59 (ISO 320), P-35 (ISO 460)
- MIL 2105
- David Brown Table E (ISO 68 to 680)



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TECHNICAL DATA

Product Code	515	516	517	518	519	520	521
ISO Grade	68	100	150	220	320	460	680
AGMA Number	2EP	3EP	4EP	5EP	6EP	7EP	8EP
Viscosity @ 40°C, cSt	68	100	150	218	316	456	676
Viscosity @ 100°C, cSt	8.6	11.3	14.8	19	24.3	30.7	45.6
Viscosity Index	98	98	98	98	98	98	115
Flash Point, °C	258	260	261	265	269	272	276
Pour Point, °C	-25	-23	-20	-17	-14	-12	-9
Specific Gravity @ 60°F	0.886	.890	0.892	0.893	0.895	0.896	0.899
Timken	65	65	65	65	65	65	65
Copper Corrosion	1b	1b	1b	1b	1b	1b	1lb

Contact your CAM2 representative or CAM2 distributor for additional information.