



**COOLANT
CONTROL** INC.

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Product Bulletin

Olympus Series Synthetic Gear Oil

Synthetic Industrial Gear Oil

Description

The **Olympus** Series of Synthetic Industrial EP Gear Lubricants are specifically formulated to protect moderate to heavily loaded industrial gears and bearings. They provide excellent antiwear and load carrying capability, as well as strong rust inhibition, yellow metal protection and demulsibility performance. The **Olympus** Series is blended with 100% synthetic basestocks providing high temperature stability and cleanliness, excellent low temperature fluidity and better overall lubricity compared to mineral oil based gear oils.

Performance Benefits

- High temperature stability and cleanliness
- Eliminates seasonal oil changes due to poor viscometrics or pour point
- Compatible with conventional seals such as nitrile, fluorocarbon, and polyacrylate
- Reduces power consumption
- Excellent oxidation stability

Recommended Applications

The **Olympus** Series of Synthetic Industrial EP Gear Lubricants are suitable for use in spur, helical, herringbone, bevel, as well as all types of worm gearing. They are also suitable for ball, roller, and other types of antifriction bearings.

When converting to **Olympus** synthetic lubricants, OEM recommendations should be used when choosing the appropriate viscosity grade. Maximum performance is provided when the equipment is clean and in good condition. Contamination from previous lubricants or their residues should be minimized, since this will tend to compromise the performance enhancements of the synthetic.

Typical Characteristics

Olympus	32	46	68	100	150
ISO Grade	32	46	68	100	150
AGMA Grade	-	1	2	3	4
Viscosity, cSt @ 40 °C, ASTM D445	32	46	68	100	150
Viscosity, cSt @ 100 °C, ASTM D2161	6.6	7.9	10.5	14.6	19.2
Viscosity Index	167	144	141	150	146
TOST, ASTM D 943, Hours to 2NN	10,000+	10,000+	10,000+	10,000+	10,000+
Flash Point, °F, ASTM D92	530	535	540	550	555
Density, lbs/gal	7.03	7.06	7.10	7.12	7.13
Pour Point, °C, ASTM D97	<-50	<-50	-45	-35	-30
Copper Corrosion, ASTM D-130	1A	1A	1A	1A	1A

Olympus	220	320	460	680	1000
ISO Grade	220	320	460	680	1000
AGMA Grade	5	6	7	8	8A
Viscosity, cSt @ 40 °C, ASTM D445	220	320	460	680	1000
Viscosity, cSt @ 100 °C, ASTM D2161	25.6	34.4	46.0	57.0	86.7
Viscosity Index	150	152	156	147	170
TOST, ASTM D 943, Hours to 2NN	10,000+	10,000+	10,000+	10,000+	10,000+
Flash Point, °F, ASTM D92	575	590	605	605	610
Density, lbs/gal	7.15	7.18	7.30	7.44	7.66
Pour Point, °C, ASTM D97	-15	-15	-5	-5	-5
Copper Corrosion, ASTM D-130	1A	1A	1A	1A	1A