

# ACEITES PARA ENGRANAJES

GEAR OILS					APPLICATIONS						
sinteticos,	Description	ISO VG (Viscosity @ 40°C)	VI	Temperature Range	Spur	Bevel	Spiral Bevel	Helical	Double Helical	Worm	Application Notes
<b>Mineral</b>											
<b>Alpha SP</b>	Conventional EP gear oils	68 - 680	> 95	+10°F to +160°F	✓	✓	✓	✓	✓	✗	Conventional gear oil with traditional sulfur/phosphorous EP additive package.
<b>Molub-Alloy Gear Oils 90, 690, 300S, 1500</b>	High performance gear oil with moly	220, 320, 1000, 1500	100-103	+10°F to +160°F	✓✓	✓✓	✓✓	✓✓	✓✓	✗	Best suited for applications with heavy loads and/or shock loading (contains solid moly).
<b>Molub-Alloy 170W</b>	Compounded mineral oil for worm gears	680 (AGMA 8C)	97	+35°F to +200°F	✗	✗	✗	✗	✗	✓✓	Mineral oil compounded with 5% fatty material as required by many worm gear OEMs.
<b>Molub-Alloy 969</b>	Leak-resistant, high performance gear oil	320	100	+10°F to +160°F	✓✓	✓✓	✓✓	✓✓	✓✓	✗	DO NOT USE IN GBs WITH CIRCULATING OIL SYSTEMS OR SMALL ORIFICES SUCH AS THOSE GOING TO BEARINGS.
<b>Tribol 1100</b>	High performance gear oil with TGOA*	68 - 1500	95-100	+10°F to +160°F	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✗	Extremely long equipment and oil life over conventional gear oils. Excellent demulsibility.
<b>Optigear BM</b>	High performance gear oil with Microflux Trans**	68 - 1000, 3000	95-100	+10°F to +160°F	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✗	Extremely long equipment and oil life over conventional gear oils.
<b>Synthetic</b>											
<b>Alphasyn EP</b>	Synthetic EP gear oil	150 - 460	140	-20°F to +230°F	✓✓	✓✓	✓✓	✓✓	✓✓	✗	Direct competitor to Mobilgear SHC series. For use in high temps where EP and synthetic base oil is required.
<b>Alphasyn T</b>	Synthetic gear oil	150 - 460	131-141	-20°F to +275°F	✓✓	✓✓	✓✓	✓✓	✓✓	✓	Direct competitor to Mobil SHC series. For use in high temps with light to moderately loaded gears or where non-EP is required.
<b>Optigear Synthetic A</b>	High perf synthetic gear oils w/ excellent micropitting protection	320, 460	140-151	-10°F to +230°F	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✗	Wind turbine OEM approvals: GE, Clipper, Suzlon, Nordex, RePower, MADE, Fuhrlander, Goldwind.
<b>Optigear Synthetic CT</b>	High perf synthetic gear oils w/ excellent micropitting protection	320	147	-10°F to +230°F	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✗	Wind turbine OEM approvals: Vestas
<b>Optigear Synthetic X</b>	High perf synthetic gear oils w/ excellent micropitting protection	150 - 460	148 - 153	-20°F to +230°F	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✗	Wind turbine OEM approvals: GE, Siemens, MADE, Nordex, Clipper, RePower. OEM approvals pending: Suzlon, Goldwind.
<b>Optigear RMO</b>	Synthetic gear oil with MFT for use in robots and rail-borne apps.	150	133	-20°F to +230°F	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✗	High performance gear oil with OEM approvals for robot gears.
<b>Optigear Synthetic RO 150</b>	Synthetic gear oil with MFT for use in robots and rail-borne apps.	150	138	-20°F to +230°F	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✗	High performance gear oil with OEM approvals for robot gears.
<b>Tribol 800</b>	Synthetic wide temperature gear oils	150 - 1000, 2200	210-325	-20°F to +250°F	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓	Excellent thermal stability, micropitting resistance, and worm gear oil. <u>Not compatible with other oils. Miscible with water.</u>
<b>Food Grade</b>											
<b>Optileb GT</b>	H1 food grade, full synthetic gear oils.	220, 460	151-157	-5°F to +230°F	✓✓	✓✓	✓✓	✓✓	✓✓	✓	May be used for applications other than gears requiring H1 food grade.

