

T-1000 Gear Oil Series

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T-1000 Series are fully synthetic industrial gear lubricants formulated for enclosed gear sets operating under extremely high demand conditions. The special combination of synthetic fluids makes these oils desirable and effective in both extreme high and low temperature applications.

Longer oil life means far longer oil change intervals for permanent type lubrication cycles and a reduction in maintenance and disposal expense.

T-1000 Series offer excellent viscosity-temperature stability to provide maximum protection against viscosity change and equipment wear. This thermal stability is active at low temperatures to prevent premature thickening and at high temperatures to prevent rapid viscosity thinning. These oils will not create carbon, gum or varnish deposits that cause untimely oil and part deterioration. This series of oils are compatible with petroleum-based fluids, meaning that only a thorough drain of the existing product is required for changeover. These oils are compatible with most metals, seals, gasketing and miscellaneous system components.

T-1460 & T-1680 are particularly suited for high demand, worm gear applications that involve heavily loaded, sliding, and metal-to metal contact. Energy and temperature reductions in the 10 - 15% range are common. The synthetic hydrocarbon and special ester fluids include an optimum anti-wear, EP-bronze compatible additive package for maximum load carrying, long life service.

- Viscosity-Temperature Stability
- Excellent Demulsibility
- Longer Drain Life
- Low pour point
- Lowers Energy Costs
- Eliminates Carbon and Varnish

TYPICAL PROPERTIES

PRODUCT	T-1100	T-1150	T-1220	T-1320	T-1460	T-1680
ISO VG	100	150	220	320	460	680
AGMA	3EP	4EP	5EP	6EP	7EP	8EP
Viscosity						
cSt @ 40 °C	100	150	220	320	460	650
cSt @ 100 °C	14	19.4	26	34.3	46	59
SUS @ 100 °F	463	695	1019	1482	2130	3011
SUS @ 210 °F	74	96	124	162	216	276
Viscosity Index	142	148	151	151	156	157
Flash Point COC °F/°C	490/254	490/254	510/266	510/266	475/246	460/238
Pour Point °F/°C	-50/46	-50/46	-40/-40	-30/-34	-25/-32	-20/-29
FZG Test – Load Stages Passed (DIN 51354)	12+	12+	12+	12+	12+	12+
Timken Load Test OK Load, kg/lbs	34/75	34/75	34/75	34/75	34/75	34/75