

T-9000 Gear Oil Series

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T-9000 Gear Oils have been designed for oil and reservoir applications where abnormal temperatures are encountered. Recommended for the lubrication of gears, circulating systems, plain and antifriction bearings, journals and metal-to-metal sliding loads.

T-9000 Oils are formulated from selected polyglycol fluids to assure naturally high viscosity index (VI) ratings for extended temperature stability in areas where a wide range of temperature highs and lows can be experienced. The natural high VI protection is supplemented with selective additives to provide maximum lubricating film strength, antiwear protection and a longer, effective service life.

T-9000 Oils are multi-grade rated which eliminates summer/winter changeover. They are particularly suited to worm gear applications where both high rolling and sliding loads are present.

T-9000 reduces friction, increases gearbox efficiency and is resistant to aging.

T-9000 Oils are not miscible with mineral oils. They are compatible with most seals with NBR, FKM or VMO types recommended. They are NOT compatible with neoprene (polychloroprene) or butadiene-mixed polymers and may attack some machine paints. Suitability testing should be conducted in application areas of uncertainty.

- Superior Low Temperature Performance
- Low Volatility
- High Temperature Stability
- Extended Oil Drain Intervals
- Energy and Power Reduction
- Excellent Oxidation Stability
- Reduced Operating and Maintenance Costs

TYPICAL PROPERTIES

PRODUCT	T-9068	T-9100	T-9150	T-9220	T-9320	T-9460	T-9680
ISO VG	68	100	150	220	320	460	680
AGMA	2EP	3EP	4EP	5EP	6EP	7EP	8EP
Viscosity							
cSt @ 40 °C	68	100	150	240	320	468	680
cSt @ 100 °C	13.5	18.8	27	41	52.4	75.3	111
SUS @ 100 °F	315	463	695	1112	1482	2168	3150
SUS @ 210 °F	71	93	129	193	245	352	518
Viscosity Index	201	209	218	226	230	243	263
Flash Point COC °F/°C	446/230	448/230	483/250	540/282	540/282	540/282	540/282
Pour Point °F/°C	-40/-40	-40/-40	-35/-37	-25/-32	-25/-32	-20/-30	-15/-26
FZG Test – Load Stages Passed (DIN 51354)	12+	12+	12+	12+	12+	12+	12+
Timken Load Test OK Load, kg/lbs	23/50	23/50	23/50	25/55	25/55	25/55	25/55