



Series MILES FG MIL-GEAR S Synthetic Food Grade Gear Lubricant

Series **MILES FG MIL-GEAR S** is formulated with an advanced-technology anti-wear additive package. Designed for a wide range of temperatures and operating environments, Series MILES FG MIL-GEAR S provides outstanding lubricity and protection — even in the most demanding operating conditions. Series MILES FG MIL-GEAR S meets H1 requirements (incidental food contact).

ATTRIBUTES

- Excellent lubricity
- Very high film strength
- Excellent fluid life
- Outstanding carbon and varnish control
- Excellent dispersant properties
- Enhanced resistance against water contamination
- Excellent protection against wear, rust and corrosion
- Reduced maintenance costs and downtime
- Non-toxic/non-hazardous

TYPICAL PROPERTIES

Lubrication Properties	FG MIL-GEAR S-100	FG MIL-GEAR S-150	FG MIL-GEAR S-220	FG MIL-GEAR S-320	FG MIL-GEAR S-460	FG MIL-GEAR S-680
NSF H1 Registration Number	100	145	214	308	419	669
Viscosity cSt @ 40°C	12.8	15.7	20.6	26.5	32.9	42.4
Viscosity cSt @ 100°C	266	268	271	272	274	274
Flash Point °F	423	427	429	432	433	433
Auto-Ignition Point °F	-44	-43	-43	-35	-30	-30
Pour Point °F	40	40	40	40	40	40
Timken OK Load, Kg	1a	1a	1a	1a	1a	1a
Copper Corrosion, 24 Hr	40/40/0	40/40/0	40/40/0	40/40/0	40/40/0	40/40/0
Demulsibility, 130°C, 30 Min						