

# Product Data Sheet



NOTE: The information in this publication is the result of careful testing in our laboratories, complemented by selected literature. It does not in any way constitute a guarantee, nor does it serve as a license to operate any patent. Due to widely varying conditions of product use, which are beyond our control, it is strongly recommended that the product be tested for suitability. Product typical properties in this publication are current as of May 13, 2002.

## SYNTHETIC GEARS/BEARINGS FOOD GRADE

### SYNGEAR FG SERIES

*The Summit Syngear FG Series gear oils are specially formulated for gear systems operation in the food service and packaging industry. These fully synthetic lubricants comply with the requirements of F.D.A. 21 CFR 178.3570.*

Syngear FG lubricants are fortified with oxidation inhibitors as well as anti-wear/EP additives to pass the highest stages of the FZG test. They are extended life lubricants and have the same excellent software compatibility as the Summit Syngear Series gear oils.

All Syngear FG lubricants are Kosher approved.

### Physical Properties

PRODUCTS	FG-150	FG-220	FG-320	FG-460	FG-680
ISO Viscosity Grade	150	220	320	460	680
Specific Gravity	0.845	0.848	0.851	0.856	0.862
Viscosity @ 40°C, cSt	150	213	320	429	655
Viscosity @ 100°C, cSt	19.1	26.4	33.0	40.0	50.0
Viscosity Index	145	158	144	142	131
Flash Point, °F (°C)	515 (270)	520 (271)	520 (271)	500 (260)	495 (257)
Fire Point, °F (°C)	580 (304)	585 (307)	585 (307)	565 (296)	560 (293)
Pour Point, °F (°C)	-40 (-40)	-40 (-40)	-30 (-34)	-30 (-34)	-20 (-29)
FZG Gear Test	12+ Pass	12+ Pass	12+ Pass	12+ Pass	12+ Pass
USDA Approval	H-1	H-1	H-1	H-1	H-1
Kosher Approval	Yes	Yes	Yes	Yes	Yes