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# 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 November 18, 2008.

## SYNTHETIC BLEND GEARS/BEARINGS FOOD GRADE

### UNIPAR FG SERIES

*UniPar FG Series gear oils are specially formulated for gear systems operating in the food service and packaging industries.*

*UniPar FG Series lubricants are NSF Registered and meet USDA 1998 (H-1) guidelines (lubricants with incidental food contact). In addition, these gear oils are Kosher/Halal approved and CFIA accepted. Summit is an ISO 21469 certified facility. UniPar FG lubricants are fortified with oxidation inhibitors as well as anti-wear/EP additives to pass the highest stages of the FZG test.*

*UniPar FG Series gear oils are ideal for the lubrication of production equipment in beverage canning, bottling operations, meat and poultry processing, dairy operations, fruit and vegetable processing, bakeries, and pharmaceutical plants.*

### Physical Properties

UNIPAR	FG-150	FG-220	FG-320	FG-460	FG-680
ISO Viscosity Grade	150	220	320	460	680
Specific Gravity	0.875	0.878	0.880	0.883	0.883
Viscosity @ 40°C, cSt	146	226	341	483	700
Viscosity @ 100°C, cSt	14.5	19.3	31.0	40.2	54.3
Viscosity Index	98	96	127	129	136
Flash Point, °F (°C)	445 (229)	445 (229)	445 (229)	445 (229)	460 (238)
Fire Point, °F (°C)	485 (252)	480 (249)	485 (252)	485 (252)	490 (254)
Pour Point, °F (°C)	0 (-18)	-6 (-21)	5 (-15)	0 (-18)	-6 (-21)
FZG Gear Test	12+ Pass	12+ Pass	12+ Pass	12+ Pass	12+ Pass
NSF Registered ISO 21469	H1 Yes	H1 Yes	H1 Yes	H1 Yes	H1 Pending
Kosher Approved	Yes	Yes	Yes	Yes	Yes
Halal Certified	Yes	Yes	Yes	Yes	Pending
CFIA Accepted	Yes	Yes	Yes	Yes	Pending

**Shelf Life:** Product shelf life is 3 years from the date of manufacture, after which the product should be recertified prior to use.