



# SYNLUBE FOOD MACHINERY OIL



**Product Description:** SYNLUBE FOOD MACHINERY OIL are fully synthetic, H-1 approved, bearing and gear oils formulated from synthesized hydrocarbon base stocks and additives that enhance oxidation stability and provide exceptional protection against rust and corrosion. SYNLUBE FOOD MACHINERY OIL also contains effective extreme pressure and antiwear agents to minimize wear. These high viscosity index, low traction coefficient oils provide exceptional performance under severe conditions over a wide range of temperatures. Their outstanding oxidation resistance allows for greatly extended drain intervals compared to conventional mineral oils.

### Features:

- Outstanding antiwear properties.
- Exceptional long-life performance.
- Excellent oxidation resistance.
- Superior rust and corrosion protection.
- Low traction coefficient saves energy.
- High viscosity index for wide temperature ranges.
- Low pour points for low temperature applications
- ISO VG 32, 46, 68, 100, 220 are NSF H-1 Certified.
- Complies with NSF/FDA Section 21 CFR 178.3620(b) and 21 CFR 172.878.
- Miscible with conventional mineral oils.
- Certified Kosher and Pareve for Passover.
- Certified Crescent M Halal.

### Typical Uses:

- Enclosed gear drives of all types with either splash or circulation systems.
- Extreme low or high temperature operating conditions.
- Long-life lubricants for initial fill of sealed lube systems.
- Enclosed gear drives in food processing plants requiring NSF H-1 certified products.

### Typical Specifications:

ISO GRADE	32	46	68	100	150	220	320	460
<b>Product Number</b>	<b>34260</b>	<b>34261</b>	<b>34262</b>	<b>34263</b>	<b>34264</b>	<b>34265</b>	<b>34266</b>	<b>34267</b>
Gravity, API	39.3	39.0	37.5	36.0	34.8	33.7	32.8	31.9
Pour Point, °F. Max	<-40	<-40	<-40	-40	-35	-30	-25	-20
Flash Point, °F.	469	507	507	514	500	482	473	455
Viscosity:								
SUS @ 100°F.	152	218	345	508	760	1100	1637	2658
SUS @ 210°F.	45.6	52	65	76	96	112	141	188
cSt @ 40°C.	30.12	46.45	74.62	109.8	163.9	215.7	310.0	477.3
cSt @ 100°C.	5.78	7.76	11.20	14.24	18.8	22.50	28.7	38.68
Viscosity Index	137	136	141	131	130	127	125	125
Rust Test, ASTM D665	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
FZG Spur Gear Test								
Fail Stage	11	11	11	12+	12+	12+	12+	12+
Color, ASTM D1500	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Foam Seq. 1	25	25	25	25	25	25	25	25

Note: ALL grades EXCEPT 150 and 320 are NSF H-1 approved. 220 and 460 are NSF H-2 approved.

**OTHER ISO GRADES AVAILABLE. VALUES SHOWN HERE ARE TYPICAL AND MAY VARY.**