

PRODUCT DATA SHEET



FG
FOOD GRADE

SYN-HYD Food Grade Series

Synthetic Hydraulic Oil

SYN-HYD Food Grade Series are premium PAO synthetic multi-purpose hydraulic oils ideally suited for a variety of applications in baking, food and beverage processing as well as packaging machinery.

The proprietary additive formulation provide superior wear and oxidization resistance and extended fluid life, making it suitable for a wide variety of applications and across a broad range of temperatures.

Available is viscosities ranging from 22 to 100, SYN-HYD Food Grade series are suitable for use in hydraulic systems, gears, bearings and as a circulating oil in production equipment, conveyors, chains and a variety of other industrial applications.

SYN-HYD Food Grade meets FDA requirements for use where incidental contact with food is possible and is NSF Registered, H1.

| Properties / Characteristics | SYN-HYD Food Grade | | | | |
|--|--------------------|-----------|-----------|-----------|-----------|
| | 22 | 32 | 46 | 68 | 100 |
| ISO Grade | 22 | 32 | 46 | 68 | 100 |
| Viscosity @40°C, cSt @100°C, cSt | 22 | 33 | 46 | 68 | 99 |
| | 4.5 | 6.5 | 7.9 | 10.2 | 13.2 |
| Viscosity Index | 116 | 156 | 143 | 137 | 132 |
| Flash Point, °F (°C) | 428 | 465 | 475 | 465 | 450 |
| | 220 | 240 | 246 | 240 | 232 |
| Pour Point, °F (°C) | -76 | -76 | -65 | -55 | -44 |
| | -60 | -60 | -54 | -48 | -42 |
| Copper Corrosion Test | 1b | 1b | 1b | 1b | 1b |
| Foaming Sequence | NIL | Nil | Nil | Nil | Nil |
| Four Ball Wear Scar Dia. 40Kg 1200 RPM | - | 0.41mm | 0.41mm | 0.41mm | 0.41mm |
| Four Ball Weld Load, lb. | - | 352 | 352 | 352 | 325 |
| Specific Gravity | 0.82 | 0.83 | 0.84 | 0.84 | 0.84 |
| NSF H1 Registration | (#154750) | (#153634) | (#153635) | (#153272) | (#154751) |



Nonfood Compounds
Program Listed, H1
Registration