

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 32 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			
ISO Grade	32	46	68	100
Viscosity @40°C, cSt	33	46	68	99
@100°C, cSt	6.5	7.9	10.2	13.2
Viscosity Index	156	143	137	132
Flash Point, °F (°C)	465 240	475 246	465 240	450 232
Pour Point, °F (°C)	-76 -60	-65 -54	-55 -48	-44 -42
Copper Corrosion Test	1b	1b	1b	1b
Foaming Sequence	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	0.83	0.84	0.84	0.84
NSF H1 Registration	(#153634)	(#153635)	(#153272)	(#154751)



Nonfood Compounds
Program Listed: H1
Registration