

# PRODUCT DATA SHEET



## SYN-HYD Food Grade 46

*FG*  
*FOOD GRADE*

### Synthetic Hydraulic Oil

SYN-HYD Food Grade is a synthetic hydrocarbon based hydraulic oil specifically developed for use in baking, food and beverage processing as well as packaging machinery.

The synthetic base oil provides a lower pour point and better viscosity index than standard white oil and SYN-HYD Food Grade is fortified with additives that inhibit oxidation and corrosion, reduce wear, and extend service life; making it suitable for a wide variety of applications and across a broad range of temperatures.

Available viscosities ranging from 15 to 100, SYN-HYD Food Grade is suitable for use in hydraulic systems, 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 46
ISO Grade	46
Specific Gravity	0.834
Viscosity @40°C, cSt @100°C, cSt	46.8 7.8
Viscosity Index	135
Flash Point, °F (°C)	490 (254)
Fire Point, °F (°C)	565 (296)
Pour Point, °F (°C)	-71 (-57)
Emulsion Tendency	40/40/0 10 Minutes
NSF Registered (#153635)	H1



Nonfood Compounds  
Program Listed: H1  
Registration