

PRODUCT DATA SHEET



MIN-HYD Food Grade Series

Mineral Oil Based Hydraulic Oil

FG
FOOD GRADE

MIN-HYD Food Grade series are zinc-free, ashless premium white oils, augmented by corrosion and oxidization inhibitors, anti-wear additives, as well as additives for extended service life.

The MIN-HYD Food Grade Series are specially formulated for use in baking, and food processing and packaging machinery.

Available is viscosities ranging from 22 to 100, MIN-HYD Food Grade is suitable for use in hydraulic systems, production equipment, conveyors, drive chains and a variety of other industrial applications.

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

Properties / Characteristics	MIN-HYD Food Grade				
	22	32	46	68	100
ISO Grade	22	32	46	68	100
Specific Gravity	0.86	0.865	0.868	0.870	0.873
Viscosity					
	@40°C, cSt	22.3	32	42	68
@100°C, cSt	4.3	5.38	6.41	8.76	11.2
Viscosity Index	96	101	101	101	100
Flash Point, °F	405	445	445	450	445
	(207)	(230)	(230)	(232)	(230)
Fire Point, °F	440	475	475	480	475
	(227)	(246)	(246)	(249)	(246)
Pour Point, °F	0	3	5	-4	-6
	(-18)	(-16)	(-15)	(-20)	(-21)
Emulsion Tendency	40/40/0	40/40/0	40/40/0	40/40/0	40/40/0
	10 Min.	10 Min.	10 Min.	10 Min.	10 Min.
NSF Registered H1	(#156108)	(#154745)	(#154746)	(#153271)	(#153747)



Nonfood Compounds
Program Listed: H1
Registration