

ELBAFOOD HH-1 SERIES

ELBA FG HH1 Series hydraulic oils are formulated specially for hydraulic systems operating in the food service, beverage, and packaging industry. These premium synthetic blend lubricants are NSF Registered and meet USDA 1998 (H1) guidelines (lubricants with incidental food contact). ELBA FG HH1 Series lubricants are Kosher certified and CFIA accepted. Manufactured in ISO 21469 certified facilities.

ELBA FG HH1 Series lubricants are fortified with oxidation inhibitors, corrosion inhibitors, as well as anti-wear additives to enhance the superior qualities offered by the Food Grade base stock. They are extended life lubricants and have the same excellent compatibility as the ELBA FG HH1 Series hydraulic oils.



Physical Properties						
ELBA HH1	FG-15	FG-22	FG-32	FG-46	FG-68	FG-100
ISO Grade	15	22	32	46	68	100
Viscosity						
@ 40°C, cSt	15.4	22.3	32.0	42.0	68.0	97.2
@ 100°C, cSt	3.41	4.30	5.38	6.41	8.76	11.14
@ 100°F, SUS	84.1	116.7	165.4	216.0	352.0	505.0
@ 210°F, SUS	37.8	40.7	44.3	47.7	55.8	64.4
Viscosity Index	91	96	101	101	101	100
Specific Gravity	0.860	0.860	0.865	0.868	0.870	0.873
Flash Point, °F (°C)	415 (213)	405 (207)	445 (230)	445 (230)	450 (232)	445 (230)
Fire Point, °F (°C)	430 (221)	440 (227)	475 (246)	475 (246)	480 (249)	475 (246)
Pour Point, °F (°C)	-6(-21)	0(-18)	3(-16)	5(-15)	-4(-20)	-6(-21)
Emulsion	40/40/0	40/40/0	40/40/0	40/40/0	40/40/0	40/40/0
Tendency	10 Mins	10 Mins	10 Mins	10 Mins	10 Mins	10 Mins
NSF Registered	H1	H1	H1	H1	H1	H1
ISO 21469	-	Yes	Yes	Yes	Yes	Yes
Kosher	Yes	Yes	Yes	Yes	Yes	Yes
Halal	Yes	Yes	Yes	Yes	Yes	Yes
CFIA	Yes	Yes	Yes	Yes	Yes	Yes

Shelf Life: Product shelf life is 3 years from the date of manufacture, after which the product should be recertified prior to use.

For Technical, Quality or Product Safety Questions Please Contact:

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The data presented in this medium are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this medium should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.

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