Leading Provider of Lubrication Solution

Lubrication Inc USA

elba

Global.....Lubrication Specialist.

ELBAFOOD HH1 OIL

ELBA FG Hydraulic Oils are specially formulated to provide superior lubrication in food plant machinery. These semi synthetic oils provide outstanding anti-wear protection, are compounded to prevent rusting in the presence of moisture, are non-foaming and have rapid water separation characteristics. An effective antioxidant gives long oil service life and reduces the possibility of sludge and varnish formation. These oils provide anti-wear protection that meets all the requirements of major hydraulic pump manufacturers such as Cincinnati Milicron P-68, P-69, P- 70 and Vicker's 104

Applications:

Elba FG Hydraulic Oils provide excellent performance in high pressure systems and may also be used to lubricate anti- friction bearings and general circulating systems. It can also be used in inline oilers in pneumatic systems commonly found in food packaging applications. These oils will deliver clean, non-varnishing performance even in extended service intervals

Features and benefits:

- Resistance to oxidative breakdown even at high temperatures
- Keeps systems free of sludge and varnish
- Ensures smooth & reliable operation of hydraulic valves & actuators
- Results in longer fluid life and reduced downtime in tough operating environments
- Anti-wear protection & protects metal pump parts from scuffing & scoring
- Protects equipment operating for extended periods in tough Conditions
- Extends equipment life and improves operating reliability
- Long-term protection from rust and corrosion
- Prevents pump, actuator and circulating system damage in moist or wet operations
- Resistance to contamination
- Rapidly separates from water without loss of performance additives
- Highly resistant to foaming and air entrapment
- Prevents reservoir over flow

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Typical Analysis

ISO GRADE	10	15	22	32	46	68	100
Viscosity @ 40°C, cSt	11.0	15.0	21.5	32.5	46.5	68.5	98.3
Viscosity @ 100°C, cSt	-	-	4.20	5.58	6.76	8.85	11.18
Viscosity @ 100°F, SUS	65	83	113	169	240	354	542
Viscosity @ 210°F, SUS	-	-	40.4	45.0	48.9	56.1	64.6
Viscosity Index	95	95	96	98	98	98	98
Pour Point, °F/°C	-10/-22	+10/-22	0/-18	0/-18	0/-18	0/-18	5/-15
Flash Point, °F/°C	365/185	370/187	395/202	420/216	440/226	465/240	475/246
API Gravity	33.2	33.2	33.0	32.2	32.0	31.7	30.9
Color	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Acid Number, mg KOH/g	0.15	0.15	0.15	0.15	0.15	0.15	0.15
Distilled Water	PASS	PASS	PASS	PASS	PASS	PASS	PASS
Synthetic Sea Water	PASS	PASS	PASS	PASS	PASS	PASS	PASS
Minutes to 3 mLaa	PASS	PASS	PASS	PASS	PASS	PASS	PASS
Hours to 2.0 Acid #	6000+	6000+	6000+	6000+	6000+	6000+	6000+