



ADVANCED MARINE

SYNTHETIC FDA-100

High Performance FDA/ USDA H-1 Oil

Beyond Synthetic

Synthetic FDA-100 is recommended for use in compressors, pumps, gear boxes, bearings, hydraulic systems, blowers or almost any other equipment in food processing or pharmaceutical plants requiring oil.

Synthetic FDA-100 is a superior anti-wear, long life, synthetic lubricant that is USDA H-1 approved and meets the FDA CFR Title 21 Section 178.3620(b) purity requirement. Synthetic FDA-100 reduces wear and keeps equipment cleaner, allowing for substantially longer oil drain intervals.

Using Synthetic FDA-100 saves money, minimizes inventory, reduces maintenance, improves equipment efficiency and extends equipment life. It is available in ISO viscosity grades 15 through 680.

Typical Properties*	100
AGMA Grade	3
Viscosity	
cSt @ 40°C	100
cSt @ 100°C	12.7
SSU @ 100°F	517
SSU @ 210°F	70
VI	122
Flash °F	445
Pour Point °F	-40
Corrosion Test	
Copper, 3hrs @ 100°C	1a
Foam Tendency Seq. II	Nil
D-1401 Demulsibility	
(40/40/0/20 max)	Pass
Pounds./Gallon	7.02
FZG Test	11
Four Ball EP Test, 20 kg	0.32
TOST, hours	3000
* Properties are typical and may vary	

Exclusive Performance Advantages:

- **Excellent Wear Protection**
Superior anti-wear properties and provides superior protection to bearings, gears, etc.
- **Rapidly Separates from Water**
Rapidly and completely separates from water, which is easily drained from the bottom of the oil reservoir.
- **Longer Oil Life**
Excellent oxidation stability that greatly extends oil change intervals while keeping equipment clean.
- **Multi-Temperature Performance**
Stable at high temperatures and extremely fluid at low temperatures.
- **Excellent Corrosion Protection**
Protects ferrous and non-ferrous metals against rust and corrosion.
- **Lower Coefficient of Friction**
Saves energy.
- **High Purity**
Meets the FDA CFR Title 21 Section 178.3620(b) purity requirement and is USDA H-1 approved.
- **Compatible with Elastomers**
Excellent compatibility with most elastomers.
- **Compatible with Other Oils**
Compatible and can be mixed with other mineral oils and most synthetic oils. (It is not compatible with silicone or glycol synthetics.)
- **Environmentally Responsible**
Components are TSCA listed and meet EPA, RCRA and OSHA requirements. Synthetic FDA-100 extends oil drain intervals, eliminates premature oil changes, decreases the amount of oil purchased and disposed of and conserves energy.

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