

ELBA ELBACOMP

ELBA AIRCOMP-D ISO VG 150 Synthetic Air Compressor Oil Instruction Manual

Model: ELBACOMP (AIRCOMP-D Series)

1. INTRODUCTION

This manual provides essential information for the safe and effective use of ELBA AIRCOMP-D ISO VG 150 Synthetic Air Compressor Oil. The ELBA AIRCOMP-D Series is formulated from highly refined hydrocracked base stocks and a unique additive technology, SYNTHOLATE, designed to inhibit varnish and carbon formation, ensuring superior thermal and oxidative stability. This product is engineered to extend equipment life and reduce operational costs compared to conventional mineral oils.



Image 1.1: ELBA AIRCOMP-D 1 Gallon container, showcasing product labeling and safety information.



Image 1.2: ELBA AIRCOMP-D oil available in different container sizes, highlighting its 'Made in USA' origin.

2. SAFETY INFORMATION

Always read and understand the Safety Data Sheet (SDS) for this product before use. Observe all local, state, and federal regulations regarding handling, storage, and disposal of lubricants.

2.1. First Aid Measures

- **Ingestion:** Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting. Consult a physician if symptoms persist.
- **Eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes, removing any contact lenses and continuing flushing. Consult a physician if irritation persists.
- **Skin contact:** Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before reuse. Consult a physician if irritation persists.
- **Inhalation:** Move to fresh air in case of accidental inhalation of fumes from overheating or misting. Consult a physician if symptoms persist.

2.2. Caution

- **General measures:** Keep containers tightly closed in a dry, cool, and well-ventilated place. Keep product away from sunlight.
- **Storage and handling:** Store in original container. Keep containers tightly closed in a dry, cool, and well-ventilated place. Keep product away from sunlight.
- **Disposal:** Dispose of in accordance with all applicable local, state, and D.O.T. regulations. Consult SDS for more information.

3. PRODUCT BENEFITS

ELBA AIRCOMP-D ISO VG 150 Synthetic Air Compressor Oil offers several advantages for air compressor systems:

- **Reduced Lubricant Consumption:** Extended drain intervals and lower vapor pressures contribute to reduced lubricant consumption.
- **Reduced Maintenance:** SYNTHOLATE technology minimizes carbon and varnish formation, extending valve life and increasing the time between overhauls.
- **Eliminates Recompression:** SYNTHOLATE maintains clean valves, preventing the primary cause of recompression.
- **Reduced Power Consumption:** The elimination of recompression and a reduced coefficient of friction lead to lower power consumption per unit of compression.
- **Improved Safety:** Higher flash points provide an enhanced margin of safety in air compression applications.



Image 3.1: Visual representation of key benefits including reduced lubricant consumption, elimination of recompression, improved safety, and reduced power consumption.

4. APPLICATION AND USAGE

ELBA AIRCOMP-D ISO VG 150 is specifically designed for use in various types of air compressors requiring an ISO VG 150 synthetic lubricant. Always refer to your compressor manufacturer's manual for specific lubricant requirements and change intervals.

4.1. General Guidelines

- Ensure the compressor system is clean and free from contaminants before introducing new oil.
- Drain old oil completely according to manufacturer's instructions.
- Fill the compressor reservoir with ELBA AIRCOMP-D ISO VG 150 to the recommended level.
- Monitor oil levels regularly and top up as needed.
- Adhere to the recommended oil change schedule to maximize performance and extend equipment life.



Image 4.1: A visual guide emphasizing the importance of selecting the correct oil for air compressors, featuring multiple compressor units.



Image 4.2: An internal view of a compressor mechanism, illustrating the components that benefit from proper lubrication.

5. PRODUCT SPECIFICATIONS

The following table outlines the typical inspection results and general specifications for ELBA AIRCOMP-D ISO VG 150 oil.

ELBA AIRCOMP-D OIL

The Elba Aircomp-D Series is formulated from highly refined hydrocracked base stocks and the unique additive SYNTHOLATE. The addition of SYNTHOLATE inhibits the formation of varnish and carbon and provides superior thermal and oxidative stability. Utilizing the superior petroleum base stocks fortified with SYNTHOLATE extends the life of the Elba Aircomp-D Series compared to that of conventional mineral oils and provides the following money saving benefits.



Benefits:

Reduced lubricant consumption-Extended drain intervals and lower vapor pressures reduce lubricant consumption. Reduced maintenance - SYNTHOLATE reduces carbon and varnish formation thus extending valve life and the time interval between overhauls.

Eliminates recompression - SYNTHOLATE keeps the valves clean and eliminates the primary cause of recompression. Reduced power consumption - Elimination of recompression and reduced coefficient of friction results in less power consumption per unit of compression. Improved safety - Higher flash points provide a greater margin of safety in air compression.

Inspection Results

Products	EC 10	EC-15	EC 20	EC 30	EC 40
ISO GRADE	32	46	68	100	150
Viscosity					
@ 40°C, cSt	31.2	46.0	66.3	99.2	146.5
@ 100°C, cSt	5.27	6.72	8.48	11.24	14.59
@ 100°F, SUS	163	237	346	524	759
@ 210°F, SUS	43.9	48.7	54.8	64.7	77.9
Viscosity Index	99	98	97	99	98
Specific Gravity	0.877	0.876	0.876	0.876	0.876
Pour Point, °F	- 44	- 25	- 38	-33	- 27
Flash Point, °F	440	470	470	520	495
Four Ball Wear,mm	0.6	0.6	0.6	0.8	0.60.0



Image 5.1: Detailed inspection results and product characteristics for ELBA AIRCOMP-D oil, including viscosity, pour point, and flash point.

General Product Specifications

Attribute	Value
Brand	ELBA
Model Number	ELBACOMP (AIRCOMP-D Series)
Material	Synthetic
Liquid Volume (1 Gallon Case of 6)	6 Gallons total

Attribute	Value
Item Weight (1 Gallon Case of 6)	40 Pounds
Package Information	Bottle
Manufacturer	Elbalubes
First Available Date	December 23, 2020



REDUCED LUBRICANT CONSUMPTION
Extended drain intervals and lower vapor pressures reduce lubricant consumption. Reduced maintenance SYNTHOLATE reduces carbon and varnish formation thus extending valve life and the time interval between overhauls.

ELIMINATES RECOMPRESSION
SYNTHOLATE keeps the valves clean and eliminates the primary cause of recompression.

REDUCED POWER CONSUMPTION
Elimination of recompression and reduced coefficient of friction results in less power consumption per unit of compression.

Image 5.2: Promotional banner for ELBA AIRCOMP D Series Air Compressor Oil, featuring a 5-gallon pail.

6. STORAGE AND DISPOSAL

6.1. Storage

Store ELBA AIRCOMP-D oil in its original, tightly sealed containers in a cool, dry, and well-ventilated area. Protect from direct sunlight and extreme temperatures. Keep away from incompatible materials.

6.2. Disposal

Dispose of used oil and empty containers in accordance with all applicable local, state, and federal environmental regulations. Do not discharge into drains, soil, or watercourses. Consult your local waste management authority for proper disposal methods.

7. SUPPORT AND CONTACT INFORMATION

For further assistance, technical inquiries, or to obtain a Safety Data Sheet (SDS), please contact Elbalubes.

Manufacturer: Elbalubes

Website: www.elba-lubes.com

Phone: 1631-739-1814

This product is from a small business brand. Your support is appreciated.

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