

Hi-Tech AIRLUBE COMP Series

PREMIUM OIL FOR SCREW & OTHER AIR COMPRESSORS

Description

The Hi-Tech AIRLUBE COMP Series, a superior-grade lubricant formulated with high-quality paraffinic hydrocracked base oil. This advanced oil combines cutting-edge rust and oxidation protection, making it an ideal choice for a wide range of compressors operating in demanding environments.

The Hi-Tech AIRLUBE COMP Series features highly refined base stocks and a meticulously balanced additive package, ensuring exceptional performance and longevity. It is particularly recommended for high-speed compressors, whether single or multistage centrifugal, rotary, screw, vane, or reciprocating, commonly used in construction projects, mining operations, stationary setups, and various industrial and outdoor applications.

Choose the Hi-Tech AIRLUBE COMP Series for top-notch lubrication performance in your compressor applications, ensuring smooth and efficient operation even in challenging environments.

Specification Pass: DIN 51506 – VDL ,ISO/ DP 6521, IS 13256:1992

Technical Properties

Characteristics\Series	Method	Hi-Tech Airlube Comp Series						
		32	46	68	100	150	220	320
Kinematic Viscosity @ 40°C	ASTM D445	32	46	68	100	150	220	320
Kinematic Viscosity @ 100°C	ASTM D445	6	7	9	12	15	19	25
Pour Point °C	ASTM D97	-16	-16	-15	-13	-12	-11	-9
Flash Point °C	ASTM D92	220	228	232	238	238	242	250
Density @ 29.5°C	ASTM D1298	0.84	0.84	0.85	0.86	0.86	0.86	0.86
Rust Test	ASTM D665	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Foaming test	ASTM D892	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Copper Corrosion, 1000C, 3 hrs.	ASTM D130	1a	1a	1a	1a	1a	1a	1a

All the mentioned values are typical which may vary from batch to batch.

Types of Air Compressor



Screw



Reciprocating



Vane



Centrifugal



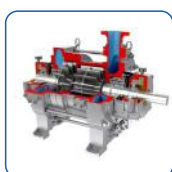
Axial



Lobe



Scroll



Liquid Ring

Hi-Tech AIRLUBE COMP Series

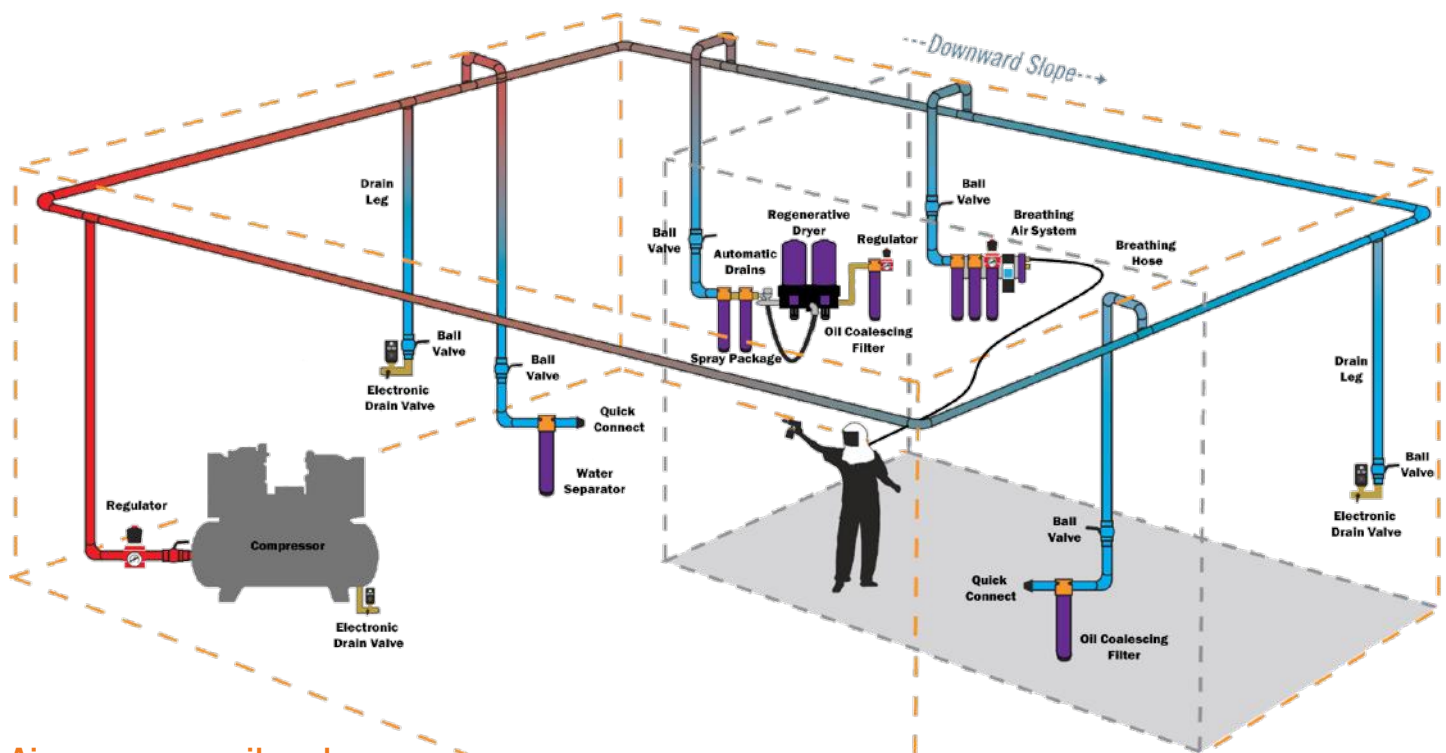
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Features, Advantages, and Potential Benefits:

- Exceptional resistance to oxidation and thermal degradation.
- Reduced deposits and coking, resulting in extended service life and potentially reducing maintenance needs.
- Strong anti-wear protection, reducing compressor component wear and maintenance requirements.
- Excellent rust and corrosion protection, extending the lifespan of internal components.
- Rapid foam and air release control, safeguarding against aeration and cavitation damage and reducing wear.
- Efficient water separation from the oil, minimizing carryover to downstream equipment.
- Reduced sludge formation in crankcases, discharge lines, coalescers, and coolers, promoting smoother operation and reducing maintenance tasks.

Applications:

- Compressor Oil 68 is suitable for use in rotary vane and screw compressors.
- Compressor 68, 150, and 220 are effective lubricants for reciprocating compressor cylinders, crankcases, and certain types of rotary compressors.
- Recommended for vacuum pumps and as R&O (Rust and Oxidation) lubricants in other industrial oil applications.
- Not recommended for breathing air or oxygen compression.
- Please follow the lubricant selection recommendations provided by the compressor manufacturers.
- For specific compressor lubricant recommendations for gases other than air or natural gas, please consult Hi-Tech technical department.
- Maintaining proper service intervals will keep your air compressor running in optimal condition.



Air compressor oil work as:

- Lubricating moving parts.
- Creates a seal between parts to trap air.
- Prevents premature wear on parts.
- Helps cool air during compression.