

Compressor Fluids • Vacuum Pump Fluids • Flushing Fluids



COMPRESYN® Fluids by JAX is a complete line of synthetic and partial synthetic compressor fluids blended with innovative patented and patent-pending formulations for all industrial, food, drug, beverage manufacturing and packaging industries.



Compresyn® 250

- Lowest overall operating cost
- Recommended for high contamination and water ingestion compressors
- Utilized in compressor and vacuum pump applications
- Drain interval of 4K hours in properly maintained air compressors, 2.5K hours in vacuum pumps

Compresyn® 405

- High performance replacement for PAO-based compressor fluids
- Cost effective solution for high contamination areas
- Drain intervals of 6K hours in properly maintained equipment

Compresyn® 550

- Superior performance replacement for Sullube 32 and Ingersoll Rand Ultra Coolant (or other PAG/Ester based fluids)
- Keeps varnish and depositing to a minimum
- Drain intervals of 10K hours in properly maintained equipment

Compresyn® 545

- Innovative patented technology
- Excellent thermal and oxidative stability
- Ideal for optimal compressor and vacuum pump operation
- Drain intervals of 14K hours in properly maintained equipment

Compresyn® 500

- Use in the most severe rotary screw air compressor applications
- Maintains lower Total Acid Numbers (TAN)
- Drain intervals of 20K hours in properly maintained equipment

Compresyn® NH3

- Naphthenic-compatible Food-Grade ammonia refrigeration compressor oil
- Performs well under harsh refrigeration compressor environments
- Greatly enhanced thermal stability for long drain performance

Compresyn® Flush Fluids – V-100/C-46

- Provides superior cleaning and detergency inside the compressor
- Designed to remove deposits and clean varnish
- Ideal for use in flushing new compressors and vacuum pumps

See product data sheet for more detailed information about the Compresyn® Food-Grade line.

Characteristics:	Compresyn® 250	Compresyn® 405	Compresyn® 550	Compresyn® 545	Compresyn® 500
Drain Intervals	●	●	●	●	●
Water Tolerance	●	●	●	●	●
Cleanliness	●	●	●	●	●
Oxidative Stability	●	●	●	●	●
Thermal Stability	●	●	●	●	●
Equipment Suggestions:					
Rotary Screw Compressors	●	●	●	●	●
Reciprocating Compressors	●	●	●	●	●
Centrifugal Compressors		●	●	●	●
Blowers	●	●	●	●	●
Vacuum Pumps	●	●		●	●
Compresyn® Replacements:					
PAG/Ester Based Fluid			●		
PAO Based Fluid	●	●		●	●
Diester Based Fluid			●	●	●

● Premium ● Preferred ● Acceptable

The Compresyn® HD Industrial Product Line

Compresyn® HD HVF Series

- Novel New Synthetic Chemistry
- Superb Water Tolerance
- Sludge and Varnish Resistant
- Drain interval of 6K hours in properly maintained equipment

Synthetic

Compresyn® HD SKT Fluid

- Silicone based fluid that provides enhanced varnish protection
- Excellent thermal and oxidative stability
- Drain Intervals of 12K hours in properly maintained equipment

Silicone Based

Compresyn® HD PLD Series

- All-around synthetic oil for rotary screw, vane, and centrifugal compressors
- Highly resistant to rust and oxidation
- Drain intervals of 8K hours in properly maintained equipment

PAO-Ester Blend

Compresyn® HD ANC Fluid

- Use in the most severe rotary screw air compressor applications
- Maintains lower Total Acid Numbers (TAN)
- Drain intervals of 20K hours in properly maintained equipment

AN Based

Compresyn® HD PGE Series

- Enhanced varnish protection
- Reduced compressor operating temperatures
- Drain intervals of 12K hours in properly maintained equipment

PAG-POE Blend

Compresyn® HD PGO Fluid

- Excellent in sour gas compression
- Lower tendency to become acidic during use
- Drain Intervals of 8K hours in properly maintained equipment

PAG Based

Compresyn® HD VFV Series

- Unique Long Drain, Clean Synthetic Technology
- Chemical Contamination Resistant
- Excellent Hydrolytic Stability
- Drain interval of 16K hours in properly maintained equipment

Tri-Synthetic Blend

Compresyn® HD EFF Fluid

- Formulated to dissolve varnish and carbon
- Superior ability to clean interior parts
- Excellent compatibility with mineral and synthetic oils

Ester Based

See product data sheet for more detailed information about the Compresyn® HD Industrial line.

Characteristics:	Compresyn® HD HVF	Compresyn® HD PLD	Compresyn® HD PGE	Compresyn® HD VFV	Compresyn® HD SKT
Drain Intervals	●	●	●	●	●
Water Tolerance	●	●	●	●	●
Cleanliness	●	●	●	●	●
Oxidative Stability	●	●	●	●	●
Thermal Stability	●	●	●	●	●
Wear Attributes	●	●	●	●	
Equipment Suggestions:					
Rotary Screw Compressors	●	●	●	●	●
Reciprocating Compressors	●	●	●	●	
Centrifugal Compressors	●	●	●	●	
Blowers		●	●	●	
Vacuum Pumps		●		●	
Two-Stage Compressors				●	
Portable Compressors	●	●		●	
Compresyn® HD Replacements:					
PAG/Ester Based Fluid			●		
PAO Based Fluid	●	●		●	
Diester Based Fluid	●	●	●	●	
Silicone Based Fluid					●

● Premium ● Preferred ● Acceptable

What is Compresyn[®]?

Compresyn[®] by JAX is a complete line of 100% synthetic and partial synthetic compressor and vacuum pump fluids blended with innovative, patented and patent-pending formulation technologies for the industrial, food, drug and beverage packaging industries.

Compresyn[®] Series Fluids utilize the most advanced technology and chemistry to ensure that your compressors and vacuum pumps perform their best. The state-of-the-art base oils and additive packages maintain lubricity throughout the lubricant's useful life.

The Compresyn[®] Advantage

The Compresyn[®] line provides equal or superior performance to comparable industrial-grade compressor and vacuum pump oils. For plants that require superior food-grade lubricants throughout, Compresyn[®] is the ideal solution.

- Synthetic-Based Oil to Reduce Maintenance Time
- Enhanced Varnish Protection
- Extended Operating Hours
- Reduced Maintenance Costs
- Increased Operating Efficiency
- Resistant to Rust and Oxidation

