



PREMIUM  
AIR COMPRESSOR  
LUBRICANT PRODUCTS



**fai**filtr**i**

Fai Filtri Canada

3770B, Unit 2, Laird Rd. Mississauga, ON, L5L 0A7

Tel: 1-866-277-8887 Fax: 905-820-3331

[sales@faifiltri.ca](mailto:sales@faifiltri.ca), [www.faifiltri.ca](http://www.faifiltri.ca)

# Premium Air Compressor Lubricants

Fai Filtri's premium air compressor fluids are formulated to withstand the punishing temperatures and pressures inherent to modern day air compressors. Formulated to meet and exceed all OEM specifications, our compressor fluids provide unsurpassed levels of performance, protection and fluid life.

## Each of Fai Filtri's Premium Air Compressor Fluids Offer:

### Top-off Compatibility

- Our air compressor fluids offer guaranteed top-off compatibility to a broad range of air compressor fluids (see cross-reference on back)
- No flushing or time consuming change out procedures
- Allows customers to consolidate their lubricant inventory

### Designed for High Discharge Temperatures

- All of our air compressor fluids are designed to operate with 100% fluid life at discharge temperatures of 200°F (93°C)

### Longer Fluid Life

- Our air compressor fluids are formulated to provide outstanding service life and protection — even in the toughest environmental and operating conditions

### Better Resistance Against Water Contamination

- Our air compressor fluids offer enhanced resistance against water contamination
- Make it easier to remove condensation from the sump tank
- Reduce the risk of bearing failure
- Reduce the risk of premature change-outs
- Reduce the risk of rust and corrosion

### Enhanced Wear Protection

- Our air compressor fluids utilize advanced anti-wear additives
- These additives bond to metal surfaces providing an extra layer of protection against wear and friction
- Unlike competitive formulations, Fai Filtri's anti-wear additives will not diminish the fluid life or corrode critical components

### Enhanced Carbon and Varnish Control

- Our air compressor fluids are highly thermally and oxidatively stable, resisting carbon and varnish formation

### Complementary Oil Analysis

- Complementary oil analysis is available for all Fai Filtri lubricants
- Unlike competitive programs which provide you with just the basic results, our expert staff works directly with you

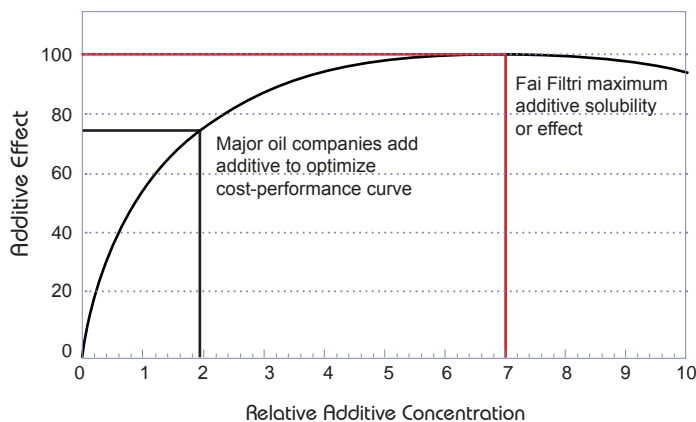


Fai Filtri's air compressor lubricants are highly thermally stable, providing enhanced resistance against carbon and varnish formation



The lower thermal stability of competitive fluids often leads to increased carbon and varnish buildup

## Additive Concentration vs Effect



Fai Filtri's line of air compressor lubricants resist water contamination; typically separating in two distinct layers.



Competitive fluids often form an emulsion when contaminated by water.

# Premium Air Compressor Lubricants

## Compressor Fluids

Fai Filtri offers one of the widest range of air compressor fluids on the market. This means we can provide you with the ideal compressor fluid based on your operating environment, runtime, and desired preventative maintenance schedule.

Synthetic Formulations	Part #	Product Description	Recommended Compressor Types	Typical Fluid Life (hr)	Key Benefit
	Series F6321-46	Universal Rotary Screw Air Compressor Fluid	Rotary Screw	8,000	<ul style="list-style-type: none"> <li>• Universal formulation</li> <li>• Compatible with most rotary screw compressor fluids</li> <li>• Excellent carbon and varnish control</li> </ul>
	Series F2015	Advanced Synthetic Compressor Fluid	Rotary Screw, Reciprocation (Piston)	8,000	<ul style="list-style-type: none"> <li>• Excellent thermal stability</li> <li>• Excellent demulsibility (water separation)</li> <li>• Very long fluid life</li> </ul>
	Series F6019	Diester Based Air Compressor Fluid	Rotary Vane, Reciprocating (Piston), Rotary Screw	8,000	<ul style="list-style-type: none"> <li>• Superior carbon and varnish control</li> <li>• Excellent thermal stability</li> <li>• Very long fluid life</li> </ul>
	Series F6321	OEM PAG Compressor Fluid	Rotary Screw	8,000	<ul style="list-style-type: none"> <li>• Replaces OEM PAG formulations</li> <li>• Excellent carbon and varnish control</li> </ul>
	Series F6863	Extended Life Compressor Fluid	Rotary Screw	12,000	<ul style="list-style-type: none"> <li>• Very long fluid life</li> <li>• Excellent carbon and varnish control</li> </ul>
	Series F6088	Silicone Based Air Compressor Fluid	Rotary Screw	Indefinite	<ul style="list-style-type: none"> <li>• Virtually indefinite fluid life</li> </ul>

Food Grade Fluids	Part #	Product Description	Recommended Compressor Types	Typical Fluid Life (hr)	Key Benefit
	Series F6061	Food Grade Air Compressor Fluid	Reciprocating (Piston), Rotary Screw	4,000-6,000	<ul style="list-style-type: none"> <li>• Food grade formulation</li> <li>• Excellent demulsibility</li> </ul>
	Series F6064	Advanced Food Grade Formulation	Rotary Vane, Reciprocating (Piston) Rotary Screw	6,000-8,000	<ul style="list-style-type: none"> <li>• Enhanced fluid life</li> <li>• Enhanced carbon and varnish control</li> </ul>

Synthetic Blends	Part #	Product Description	Recommended Compressor Types	Typical Fluid Life (hr)	Key Benefit
	Series F6042	Run Clean Select	Rotary Vane, Reciprocating (Piston), Rotary Screw	6,000-8,000	<ul style="list-style-type: none"> <li>• Enhanced carbon and varnish control</li> <li>• Long fluid life</li> </ul>
	Series F6043	Synthetic Blend Plus	Rotary Vane, Reciprocating (Piston) Rotary Screw	4,000-6,000	<ul style="list-style-type: none"> <li>• Enhanced fluid life</li> <li>• Enhanced carbon and varnish control</li> </ul>
	Series F6045	Synthetic Blend	Reciprocating (Piston), Rotary Screw	2,000-2,500	<ul style="list-style-type: none"> <li>• Economical formulation</li> </ul>
	Series F6445	Portable Air Compressor Fluid	Reciprocating (Piston), Rotary Screw	2,000-2,500	<ul style="list-style-type: none"> <li>• Economical formulation</li> <li>• Enhanced low temperature fluidity</li> </ul>

## Cleaners

Fai Filtri offers a full line of cleaners that are formulated to clean heavily varnished air compressor fluids. Using our line of air compressor cleaners helps avoid expensive, time consuming maintenance costs, and productivity sapping downtimes.

Cleaners	Part #	Product Description	Key Benefit
	Series F6062	Air Compressor Cleaner and Lubricant	<ul style="list-style-type: none"> <li>• Fully formulated air compressor cleaner and lubricant, cleans while compressor remains in operation</li> </ul>
	Series F6065	Food Grade Air Compressor Cleaner and Lubricant	<ul style="list-style-type: none"> <li>• Fully formulated air compressor cleaner and lubricant, cleans while compressor remains in operation</li> </ul>
	Series F5031	Concentrate Formulation	<ul style="list-style-type: none"> <li>• Fast acting highly concentrated cleaner</li> </ul>

# Premium Air Compressor Lubricants

## Cross Reference

- Designated Fai Filtri equivalent fluids are top-off compatible and do not require change outs or time consuming flushing procedures.
- If an OEM or aftermarket compressor fluid is not shown on this list please, consult an Fai Filtri representative .
- Our Universal Lubricant (F6886) can be used as a direct replacement for all non-food grade screw compressor lubricants below other than silicones.

### Anderol

495 (F6019-32)  
496 (F6019-46)  
497 (F6019-68)  
500 (F6019-100)  
555 (F6019-100)  
750 (F6019-150)  
755 (F6019-150)  
3432 (F2015-32)  
3046 (F2015-46)  
3068 (F2015-68)

### Atlas Copco

Roto-Inject Fluid (F6043-46)  
Roto-Xtend Duty Fluid (F2015-46)  
Roto-Food Grade Fluid (F6061-46)  
Piston Fluid (F6043-46)  
Recip Oil (F6019-100)  
Paroil S Xtreme (F6043-46)  
Paroil S (F6043-68)  
Paroil M (F6045-46)

### Champion

Champlub (F6045-100)  
Champlub Synthetic (F6019-100)  
Champlub Food Grade (F6061-100)  
Rotolube 4000 (F6043-32)  
Rotolube 4000FG (F6061-46)  
Rotolube 8000 (F2015-46)

### Compair

CN-300 (F6045-68)  
CN-400 (F6019-150)  
SSL-35F (F6061-46)  
SSL-38 (F6045-46)  
SSL-50 (F6043-46)  
SSL-68 Plus (F6863-68)  
SSL-46 Plus (F2015-46)

### Curtis

RS-1000S (F6019-100)  
RS-4000FG (F6061-46)  
RS-8000 (F2015-46)  
RS-12000 (F6863-46)

### Gardner Denver

AEON 500 (F6045-100)  
AEON 2000 (F6045-46)  
AEON 4000 (F6043-46)  
AEON 5000 (F6019-68)  
AEON 6000FG (F6061-46)  
AEON 9000SP (F2015-46)  
AEON 9000TH (F6863-68)  
AEON CL (F6019-46)  
AEON B30 (F6061-100)  
AEON B40 (F6061-150)  
AEON PG (F6321-46)

### Ingersoll Rand

Ultracoolant (F6321-46)  
Ultra Plus (F6863-32)  
T-30 Select (F6019-100)  
XL-700 (F6019-100)  
XL-740 (F6019-150)  
Pro-tech (F6045-32)  
Ultra FG (F6061-46)

### Kaeser

Sigma FG-100 (F6061-100)  
Sigma FG-150 (F6061-150)  
Sigma FG-320 (F6061-32)  
Sigma FG-460 (F6061-46)  
Sigma FG-680 (F6061-68)  
Sigma M-100 (F6045-100)  
Sigma M-150 (F6045-150)  
Sigma M-460 (F6044-46)  
Sigma S-100 (F6019-100)  
Sigma S-150 (F6019-150)  
Sigma S-320 (F2015-32)  
Sigma S-460 (F2015-46)  
Sigma S-680 (F2015-68)

### Mobil

Rarus-425 (F6045-46)  
Rarus-426 (F6045-68)  
Rarus-427 (F6045-100)  
Rarus-824 (F6019-32)  
Rarus-825 (F6019-46)  
Rarus-826 (F6019-68)  
Rarus-828 (F6019-100)  
Rarus-829 (F6019-150)  
Rarus SHC 1024 (F2015-32)  
Rarus SHC 1025 (F2015-46)  
Rarus SHC 1026 (F2015-68)

### Palatek

Palasyn-45 (F2015-46)  
Pal-Extra 44 (F6863-46)  
Pallube-32 (F6321-32)  
Food Grade 32 (F6061-32)

### Quincy

Quin-Syn PG (F6321-46)  
Quin Syn Plus (F6863-46)  
Quin-Syn Recip (F6045-46)  
Quin-Syn XP (F6863-68)  
Quin-Syn (F2015-46)  
Quin-Syn FG (F6061-46)  
Quin-Syn IV (F6043-68)  
Quin-CIP D (F6019-100)  
Quin-CIP 32 (F6045-32)  
Quin-CIP 68 (F6045-68)  
Quin-CIP-100 (F6045-100)

### Sullair

24-KT (F6088)  
SRF-I / 4000 (F6043-32)

### Sullair (cont'd)

SRF-II / 8000 (F2015-46)  
Sullube-32 (F6321-32)  
AWF (F6445-32)  
Pristine FG (6061-32)

### Summit

AU-46 (F6088)  
FG-100 (F6061-32)  
FG-200 (F6061-46)  
FG-250 (F6061-68)  
FG-300 (F6061-100)  
FG-500 (F6061-150)  
DSL-32 (F6019-32)  
DSL-46 (F6019-46)  
DSL-68 (F6019-68)  
DSL-100 (F6019-100)  
DSL-150 (F6019-150)  
SH-32 (F2015-32)  
SH-46 (F2015-46)  
SH-68 (F2015-68)  
Sierra-46 (F6043-46)  
Sierra-68 (F6043-68)  
Supra-32 (F6321-32)  
Supra-Coolant (F6321-46)  
TM-10 (F6045-32)  
TM-15 (F6045-68)  
TM-30 (F6045-100)  
TM-40 (F6045-150)  
Ultima (F6863-46)

### Synflo

Syn-Flo-70 (F6019-46)  
Syn-Flo-60-GC (F6321-32)  
Syn-Flo-70-GC (F6321-46)  
Syn-Flo-80-FG (F6061-46)  
Syn-Flo-80-XP (F2015-46)

### Ultrachem

Chemlube 221 (F2015-32)  
Chemlube 228 (F2015-46)  
Chemlube 229 (F6019-46)  
Chemlube 230 (F6019-68)  
Chemlube 268 (F2015-68)  
Chemlube 501 (F6019-100)  
Chemlube 751 (F6019-150)  
Chemlube +10 (F6863-46)  
Chemlube +68 (F6863-68)  
Coolant (F6321-46)  
Coolant-32 (F6321-32)  
Omnilube 32/46 (F6061-46)  
Omnilube 520 (F6061-32)  
Omnilube 546 (F6061-46)  
Omnilube 568 (F6061-68)  
Omnilube 455 (F6061-100)  
Platinum BTG (F6088)  
PS-46 (F6045-46)  
PS-100 (F6045-100)  
PS-150 (F6045-150)



# Air Compressor Cross Reference



## OEM Product Names

The Fai Filtri Compressor fluids shown above are top off compatible with compressor fluids on the same row. For centrifugal compressors, an ISO 22 or 32 fluid is recommended. Our Universal Lubricant (F6886) can be used as a direct replacement for all non-food grade screw compressor lubricants below, other than silicones. If a compressor fluid is not shown, please consult a Fai Filtri representative.

Fai Filtri	Sullair	Ingersoll-Rand	Quincy	Kaeser	Gardner Denver	Atlas-Copco	Compair	Palatek	Curtis	Champion	Base Fluids
F6321-32	Sullube 32							Pallube 32			PAG Replacement Fluids
F6321-46		Ultracoolant	Quin-Syn PG		Aeon PG						
F6863-32		Ultra Plus						Palatek Extra 44			POE Extended Life Fluids
F6863-46			Quin Syn+				Complube 10		RS-12000		
F6863-68			Quin-Syn XP		Aeon 9000TH		SSL-68+				
F2015-32				Sigma S-320							Advanced Technology Fluids
F2015-46	SRF-II / 8000		Quin-Syn	Sigma S-460	Aeon 9000 SP	Roto Xtend Duty Fluid	SSL-46+	Palasyn 46	RS 8000	Rotolube-8000	
F2015-68				Sigma S-680							
F6088	24-KT										Silicone Based Fluid
F6061-32	Pristine FG			Sigma FG-320				Food Grade 32			Food Grade Fluids
F6061-46		Ultra FG	Quin-Syn FG	Sigma FG-460	Aeon 6000 FG	Roto FG Fluid	SSL-35F		RS 4000FG	Rotolube 4000FG	
F6061-68				Sigma FG-680							
F6061-100				Sigma FG-100	Aeon B30					Champlub FG	
F6019-32											Diester Based Fluids
F6019-46					Aeon CL		CS-5000				
F6019-68					Aeon 5000						
F6019-100		T30-Select / XL-700	Quin-CIP D	Sigma S-100		Recip Oil			RS-1000S	Champlub Synthetic	
F6019-150		XL-740HT		Sigma S-150			CS-400				
F6043-32	SRF-1 / 4000					Roto-Inject Fluid				Rotolube 4000	Semi-Synthetic Fluids
F6043-46					Aeon 4000	Paroil S Xtreme	SSL-50				
F6043-68			Quin-Syn IV			Paroil S					
F6043-100											
F6045-32		Pro-Tech	Quin-CIP 32								Partial Synthetic Fluids
F6045-46			Quin-Syn Recip		Aeon 2000	Paroil M					
F6045-68			Quin-CIP 68				SSL38				
F6045-100			Quin CIP 100	Sigma M-100	Aeon 500		CN-300			Champlub	
F6045-150				Sigma M-150							

The Fai Filtri products provided are approximate equivalents to competitive fluids. The information provided herein should only be used as a general guide, and not serve as a sole resource for determining the correct lubricant for a particular application. Lubricant specifications are subject to change. Please consult a Fai Filtri representative to ensure that the replacement fluid is the correct choice for the application.

# Air Compressor Cross Reference



## Aftermarket Fluids

The Fai Filtri Compressor fluids shown above are top off compatible with compressor fluids on the same row. For centrifugal compressors, an ISO 22 or 32 fluid is recommended. Our Universal Lubricant (F6886) can be used as a direct replacement for all non-food grade screw compressor lubricants below, other than silicones. If a compressor fluid is not shown, please consult a Fai Filtri representative.

Fai Filtri	Summit	Ultrachem	Mobil	Synflo	Anderol	Keystone	Royal Purple	CPI	Lubriplate	Base Fluids
F6321-32	SUPRA-32	Coolant-32		Synflo 60-GC	PG-Supreme 32					PAG Replacement Fluids
F6321-46	SUPRA-COOLANT	Coolant		Synflo 70 GC	PG-Supreme 46					PAG Replacement Fluids
F6863-32	Ultima 32	Chemlube 932			BDC-32					POE Extended Life Fluids
F6863-46	Ultima 46	Chemlube +10			Premium Plus / BDC-46			CPI-4201-46		
F6863-68	Ultima 68	Chemlube +68			BDC-68					
F2015-32	SH-32	Chemlube 221	Rarus SHC 1024		3032		Synfilm 32	CP-4601-32		Advanced Technology Fluids
F2015-46	SH-46	Chemlube 228	Rarus SHC 1025	Synflo 80-XP	46 Supremes/3046	KSL-720	Synfilm 46	CP-4601-46		
F2015-68	SH-68	Chemlube 368	Rarus SHC 1026		3068		Synfilm 68	CP-4601-68		
F6088	AU-46	Platinum BTG								Silicone Based Fluid
F6061-32	FG-100	Omnilube 32/520			FGL-10			CPI-4600 32F	SFGO-32	Food Grade Fluids
F6061-46	FG-200	Omnilube 46/546		Synflo 80-FG	FGL-20			CPI-4600-46F	SFGO-46	
F6061-68								CPI-4600-68G	SFGO-68	
F6061-100	FG-300	Omnilube 100/5131			FGL-40					
F6019-32	DSL-32	Chemlube 216	Rarus 824		495	KSL-214		CPI-4600-32	Synmac 32	Diester Based Fluids
F6019-46	DSL-46	Chemlube 229	Rarus 825	Synflo 70	496			CPI-4600-46	Synmac 46	
F6019-68	DSL-68	Chemlube 230	Rarus 826		497/530	KSL-220		CPI-4600-68	Synmac 68	
F6019-100	DSL-100	Chemlube 501	Rarus 828	Synflo 90	500/555	KSL-219		CPI-4600-100	Synmac 100	
F6019-150	DSL-150	Chemlube 150	Rarus 829		750	KSL-222		CPI-4600-150		
F6043-32		32S			S-32					Semi-Synthetic Fluids
F6043-46		46S			S-46					
F6043-68		68S			S-68					
F6043-100		100S			S-100					
F6045-32	PS-100/TM-10	PS-32/PACO-32	Rarus 424							Partial Synthetic Fluids
F6045-46	PS-150/TM-20	PS-46/PACO-46	Rarus 425							
F6045-68	PS-200	PS-68/PACO-68	Rarus 426							
F6045-100	PS-30/TM-30	PS-100/PACO-100	Rarus 427							
F6045-150	PS-40/TM-40	PS-150/PACO-150	Rarus 429							

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# Compatibilty Cross Reference

	PAG - F6321	POE - F6863	PAO/Synthetic Hydrocarbon - F2015	Silicone - F6088	Food-Grade - F6061	Diester - F6019	Synthetic Blend - F6043	Partial Synthetic Blend - F6045
PAG - F6321		YES	YES	NO	YES	YES	YES	YES
POE - F6863	YES		YES	NO	YES	YES	YES	YES
PAO/Synthetic Hydrocarbon - F2015	YES	YES		NO	YES	YES	YES	YES
Silicone - F6088	NO	NO	NO		NO	NO	NO	NO
Food-Grade - F6061	YES	YES	YES	NO		YES	YES	YES
Diester - F6019	YES	YES	YES	NO	YES		YES	YES
Synthetic Blend - F6043	YES	YES	YES	NO	YES	YES		YES
Partial Synthetic Blend - F6045	YES	YES	YES	NO	YES	YES	YES	

FAI FILTRI CANADA INC. • 3770 B Laird Road • Mississauga, ON L5L0A7  
 Tel: 905-820-3488 • Fax: 905-820-3331 • Mail To: faifiltri@faifiltri.com  
 Toll: 1-866-277-8887 • Web: www.faifiltri.com

# Fai Filtri Products



COMPRESSOR PARTS



AIR/OIL SEPARATORS



SPARK EROSION FILTERS



SPIN-ON HYDRAULICS



LUBRICANTS



OIL FILTERS



INTEGRATED BLOCKS



AIR FILTERS



SPIN-ON AIR/OIL SEPARATION

