



ACIVAC™ & ACILUBE™

SYNTHETIC LUBRICANTS FOR ACID GAS SERVICE

BEYOND SYNTHETIC™

ACIVAC™

Acivac is recommended for lubricating rotary vane vacuum pumps that operate in acidic environments. Acivac is not recommended for use with strong oxidizers such as nitric acid or chlorine.

Most lubricants severely react with acids to form sludge, which causes the blades to stick, to wear prematurely and / or to break. Acivac minimizes the effects of acids on the oil, which greatly extends both the life of the oil and the pumps. Acivac reduces the downtime caused by pumps that no longer can maintain proper vacuums and is recommended for vacuums in the presence of acids such as HCl, H₂SO₄, H₂S and HBr.

Acivac is an undyed product.

SYNERLEC® ADDITIVE TECHNOLOGY MAKES THE DIFFERENCE!

Synthetic oils enable Royal Purple to make superior lubricants, but it is Royal Purple's advanced Synerlec additive technology that gives its lubricants their amazing performance advantages. Synerlec additive technology truly is beyond synthetic.

Synerlec additive technology forms a tough, slippery synthetic film on all metal surfaces. This proprietary film significantly improves lubrication: first, by increasing the oil film's thickness, and second, by increasing the oil film's toughness, both of which help to prevent metal-to-metal contact. It displaces moisture from metal surfaces and protects all metals against rust and corrosion. It also fortifies the oil against the detrimental effects of heat, which causes oil to oxidize.

ACILUBE™

Acilube is recommended for lubricating compressors in acidic environments.

Acilube has all of the performance benefits of Acivac but it also contains Royal Purple's proprietary Synerlec additive technology, which is a high film strength, synthetic additive system that is proven to make equipment run smoother, cooler, quieter, longer and more efficiently. Acilube is formulated to provide extra corrosion protection to metal surfaces subjected to acid gases.

Acilube is an undyed product.

PERFORMANCE ADVANTAGES

• Longer Service Life

Acivac and Acilube have outstanding oxidation stability and are formulated for service in acidic environments to greatly extend oil change intervals while keeping equipment clean.

• Reduced Downtime

Acivac and Acilube reduce wear and increase pump life and reliability.

• Low Coefficient of Friction

Acivac and Acilube have a lower coefficient of friction than conventional mineral oils, which promotes greater energy savings.

• Rapidly Separate from Water

Acivac and Acilube rapidly and completely separate from water.

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ACIVAC

TYPICAL PROPERTIES*	ASTM METHOD	ISO GRADE
		100
Viscosity	D-445	
cSt @ 40°C		100
cSt @ 100°C		13.6
Viscosity Index	D-2270	137
Flash Point, °F	D-92	514
Pour Point, °F	D-6892	-38
Corrosion Test	D-130	
3 Hrs @ 100°C		1A
Rust Test	D-665	
Fresh Water		PASS
Salt Water		PASS
Demulsibility Test	D-1401	
Mins @ 180°F		10
Density, lbs/g	D-4052	7.07
Total Acid Number, mgKOH/g	D-664	4.0

ACILUBE

TYPICAL PROPERTIES*	ASTM METHOD	ISO GRADE		
		68	100	150
Viscosity	D-445			
cSt @ 40°C		68	100	150
cSt @ 100°C		9.9	13.6	17.6
Viscosity Index	D-2270	128	130	129
Flash Point, °F	D-92	485	440	460
Pour Point, °F	D-6892	-58	-51	-38
Corrosion Test	D-130			
3 Hrs @ 100°C		1A	1A	1A
Rust Test	D-665			
Fresh Water		PASS	PASS	PASS
Salt Water		PASS	PASS	PASS
Demulsibility Test	D-1401			
Mins @ 130°F		20	---	---
Mins @ 180°F		---	20	20
Density, lbs/g	D-4052	7.02	7.07	7.12
Total Acid Number, mgKOH/g	D-664	3.5	3.5	3.5

*Properties are typical and may vary