

## **OIL ANALYSIS REPORT**

Sample Rating Trend







#### Machine Id A-904.1 Component Hydraulic System Fluid

### HIGH PERFORMANCE LUBRICANTS COMPRESSOR LIFE 46 (--- GAL)

#### DIAGNOSIS

#### Recommendation

Resample at the next service interval to monitor.

#### Wear

All component wear rates are normal.

#### Contamination

There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.

#### Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

	ATION	method	iiiiii/base	current	Thistory I	nistory2
Sample Number		Client Info		HPL0003014		
Sample Date		Client Info		12 Sep 2023		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Not Change		
Sample Status				NORMAL		
Sample Status				NOTIMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	<1		
Chromium	ppm	ASTM D5185m	>10	0		
Nickel	ppm	ASTM D5185m	>10	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	mag	ASTM D5185m	>10	<1		
Lead	nnm	ASTM D5185m	>10	0		
Copper	nnm	ASTM D5185m	>75	7		
Тір	ppin	ACTM DE105m	>10	0		
	ррп		>10	0		
vanadium	ppm	ASTM D5185M		U		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	maa	ASTM D5185m		0		
Calcium	mag	ASTM D5185m	225	15		
Phosphorus	nnm	ASTM D5185m		203		
Zinc	nnm	ASTM D5185m		0		
Sulfur	ppm	ASTM D5185m	22000	19270		
Sului	ррш	AGTIM DJTOJII	22000	10270		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>20	<1		
Sodium	ppm	ASTM D5185m		<1		
Potassium	ppm	ASTM D5185m	>20	0		
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	2019		
Particles >6µm		ASTM D7647	>1300	169		
Particles >14µm		ASTM D7647	>160	21		
Particles >21um		ASTM D7647	>40	6		
Particles >38um		ASTM D7647	>10	0		
Particles >71um		ASTM D7647	-3	0		
Oil Cleanliness		ISO 4406 (c)	<19/17/1 <i>/</i>	18/15/12		
		130 4400 (C)	>13/17/14	10/13/12		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.1	0.62		



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Certificate L2367

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