

OIL ANALYSIS REPORT

Area ACS-46 [416260] ATLAS COPCO API617218 - PHILLIPS PRECISION

Component Compressor

Recommendation

The oil change at the time of sampling has been noted. 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.

Fluid Condition

The oil viscosity is higher than normal. The AN level is acceptable for this fluid.

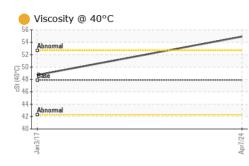
			Jan2017	AprZ024		
			Jan2017	Aprzuz4		
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCH06141498	UCH04136036	
Sample Date		Client Info		07 Apr 2024	03 Jan 2017	
Machine Age	hrs	Client Info		58392	18143	
Oil Age	hrs	Client Info		4000	1264	
Oil Changed		Client Info		Changed	N/A	
Sample Status				ATTENTION	NORMAL	
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0	<1	
Chromium	ppm	ASTM D5185m	>5	0	0	
Nickel	ppm	ASTM D5185m		1	0	
Titanium	ppm	ASTM D5185m		0	0	
Silver	ppm	ASTM D5185m		0	0	
Aluminum	ppm	ASTM D5185m	>15	<1	0	
Lead	ppm	ASTM D5185m	>65	0	<1	
Copper	ppm	ASTM D5185m	>65	0	<1	
Tin	ppm	ASTM D5185m	>10	<1	0	
Antimony	ppm	ASTM D5185m			0	
Vanadium	ppm	ASTM D5185m		0	0	
Cadmium	ppm	ASTM D5185m		0	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	1.5	0	0	
Barium	ppm	ASTM D5185m	0	0	0	
Molybdenum	ppm	ASTM D5185m	0	0	0	
Manganese	ppm	ASTM D5185m	0.3	0	0	
Magnesium	ppm	ASTM D5185m	0	2	<1	
Calcium	ppm	ASTM D5185m	0	<1	0	
Phosphorus	ppm	ASTM D5185m	406	6	24	
Zinc	ppm	ASTM D5185m	0	<1	32	
Sulfur	ppm	ASTM D5185m	1283	101	86	
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>35	0	<1	
Sodium	ppm	ASTM D5185m		<1	1	
Potassium	ppm	ASTM D5185m	>20	2	3	
Water	%	ASTM D6304	>0.1	NEG	NEG	
FLUID DEGRADA		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.463	0.09	0.165	

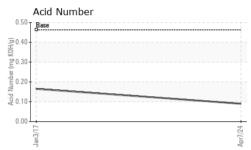
Sample Rating Trend

VISCOSITY

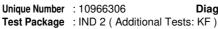


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To discuss this sample report, contact Customer Service at 1-800-237-1369.

Contact: ELVIN DIAZ ediaz@airmaticcompressor.com;canastasio@wearcheckusa.com T: (800)864-7621 F: (201)342-6241



* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Report Id: UCAIRCAR [WUSCAR] 06141498 (Generated: 04/15/2024 16:27:20) Rev: 1

Laboratory Sample No. Lab Number

Contact/Location: ELVIN DIAZ - UCAIRCAR