

OIL ANALYSIS REPORT

Sample Rating Trend





DIAGNOSIS

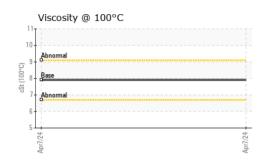
Recommendation

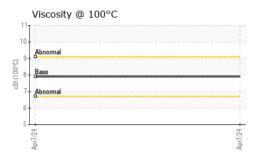
This is a baseline read-out on the submitted sample.

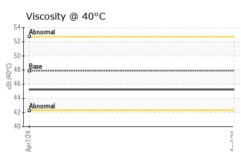
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UAC06141864		
Sample Date		Client Info		07 Apr 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method		NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>5	0		
Chromium	ppm	ASTM D5185m	>5	0		
Nickel	ppm	ASTM D5185m	>5	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m	>5	0		
Aluminum	ppm	ASTM D5185m	>5	0		
Lead	ppm	ASTM D5185m	>5	0		
Copper	ppm	ASTM D5185m	>5	0		
Tin	ppm	ASTM D5185m	>5	1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	1.5	0		
Barium	ppm	ASTM D5185m	0	0		
Molybdenum	ppm	ASTM D5185m	0	0		
Manganese	ppm	ASTM D5185m	0.3	<1		
Magnesium	ppm	ASTM D5185m	0	3		
Calcium	ppm	ASTM D5185m	0	13		
Phosphorus	ppm	ASTM D5185m	406	311		
Zinc	ppm	ASTM D5185m	0	0		
Sulfur	ppm	ASTM D5185m	1283	3021		
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	<1		
Sodium	ppm	ASTM D5185m		1		
Potassium	ppm	ASTM D5185m	>20	0		
FLUID DEGRADA		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.463	0.15		



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ellow Metal recipitate It ebris and/Dirt opearance dor mulsified Water ree Water FLUID PROPERTIE sc @ 40°C sc @ 100°C	scalar scalar scalar scalar scalar scalar scalar scalar scalar cSt cSt Scale	method *Visual ASTM D445 ASTM D445 ASTM D445 ASTM D2270 method	limit/base NONE NONE NONE NONE NONE NORML NORML Imit/base 47.9 7.9 134 Imit/base	currentNONENONELIGHTNONENORMLNORMLNORMLNEGCurrent45.247.9146Current	history1 history1	
ellow Metal recipitate It ebris and/Dirt opearance dor mulsified Water ree Water FLUID PROPERTIE sc @ 40°C sc @ 100°C scosity Index (VI) SAMPLE IMAGES	scalar scalar scalar scalar scalar scalar scalar scalar scalar scalar	*Visual *Visual *Visual *Visual *Visual *Visual *Visual *Visual trisual trisual trisual trisual	NONE NONE NONE NONE NORML NORML NORML Imit/base 47.9 7.9 134	NONE NONE LIGHT NONE NORML NORML NEG NEG Current 45.24 7.9 146	 history1	 history2
recipitate It ebris and/Dirt opearance dor mulsified Water ree Water FLUID PROPERTIE sc @ 40°C sc @ 100°C scosity Index (VI) SAMPLE IMAGES blor	scalar scalar scalar scalar scalar scalar scalar ES cSt	*Visual *Visual *Visual *Visual *Visual *Visual *Visual trisual trisual trisual trisual trisual	NONE NONE NONE NORML NORML NORML Imit/base 47.9 7.9 134	NONE LIGHT NONE NORML NORML NEG NEG Current 45.24 7.9 146	 history1 	 history/
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scosity Index (VI) SAMPLE IMAGES olor		ASTM D2270	134	146		
SAMPLE IMAGES	Scale					
olor		method	limit/base	current	history1	history
ottom					no image	no image
				. 6.	no image	no image
iron iron iron nickel			Apri/24			
copper lead			Aprī/24			
Abnormal Base Abnormal			(b) 0.5(0.0.5(0.3(0.10) 0.10 0.10 0.10	Acid Number		
	Non-ferrous Metals	Non-ferrous Metals	iron chromium nickel Non-ferrous Metals copper lead Viscosity @ 40°C Abnomal Base Abnomal	http://dw http://dw	Viscosity @ 40°C	iron nickel Non-ferrous Metals image: lead image: lead time Viscosity @ 40°C Abnomal Abnomal



Unique Number : 10966672 Diagnosed : 11 Apr 2024 - Jonathan Hester Test Package : IND 2 (Additional Tests: FT-IR, ICP-NewOil, KV100, PrtCount, VI) Contact: BILL RIMER Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369. bill@atlanticcompressors.com * - 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)

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