

Sample Rating Trend





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Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

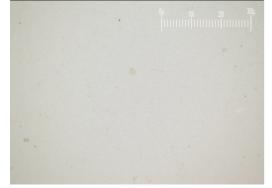
Contamination

The system cleanliness is acceptable for your target ISO 4406 cleanliness code. 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.

Particle Filter (Magn: 200 x)



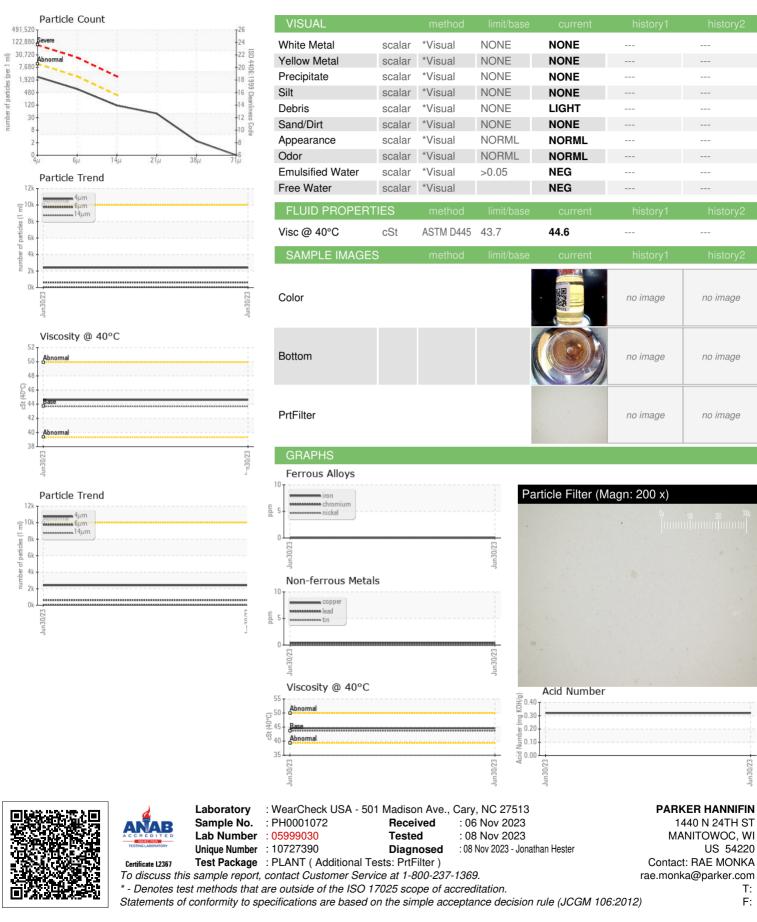
				Jun2023		
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PH0001072		
Sample Date		Client Info		30 Jun 2023		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method	>0.05	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	0		
Chromium	ppm	ASTM D5185m	>20	0		
Nickel	ppm	ASTM D5185m	>20	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>20	0		
Lead	ppm	ASTM D5185m	>20	0		
Copper	ppm	ASTM D5185m	>20	<1		
Tin	ppm	ASTM D5185m	>20	0		
Vanadium	ppm	ASTM D5185m		0		
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		<1		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		<1		
Calcium	ppm	ASTM D5185m		57		
Phosphorus	ppm	ASTM D5185m		307		
Zinc	ppm	ASTM D5185m		374		
Sulfur	ppm	ASTM D5185m		827		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	0		
Sodium	ppm	ASTM D5185m		3		
Potassium	ppm	ASTM D5185m	>20	•		
	ppm		220	0		
FLUID CLEANLIN		method	limit/base	current	 history1	history2
FLUID CLEANLIN Particles >4µm						history2
		method	limit/base >10000	current		
Particles >4μm Particles >6μm Particles >14μm		method ASTM D7647 ASTM D7647 ASTM D7647	limit/base >10000 >2500 >320	current 2406 624 101	history1 	
Particles >4µm Particles >6µm Particles >14µm Particles >21µm		method ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647	limit/base >10000 >2500 >320 >80	current 2406 624 101 42	history1 	
Particles >4µm Particles >6µm Particles >14µm Particles >21µm Particles >38µm		method ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647	limit/base >10000 >2500 >320 >80 >20	current 2406 624 101 42 2	history1 	
Particles >4µm Particles >6µm Particles >14µm Particles >21µm Particles >38µm Particles >71µm		method ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647	limit/base >10000 >2500 >320 >80 >20 >4	Current 2406 624 101 42 2 0	history1 	
Particles >4µm Particles >6µm Particles >14µm Particles >21µm Particles >38µm Particles >71µm Oil Cleanliness	IESS	method ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647	limit/base >10000 >2500 >320 >80 >20	current 2406 624 101 42 2	history1	
Particles >4µm Particles >6µm Particles >14µm Particles >21µm Particles >38µm Particles >71µm	IESS	method ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647	limit/base >10000 >2500 >320 >80 >20 >4	Current 2406 624 101 42 2 0	history1	

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Contact/Location: RAE MONKA - PARMANWI



OIL ANALYSIS REPORT



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