

OIL ANALYSIS REPORT

Sample Rating Trend



Area [6H-9161B] 170832 DA **Unknown Component** Fluid

{not provided} (--- GAL)

DIAGNOSIS

Recommendation

Little or no information is provided as to the component and lubricant being tested. Recommendations are therefore generic in nature and may not apply to the current application. Please forward information as to equipment type, reservoir capacity, lubricant type and any pertinent information to allow for a more accurate assessment. Resample at the next service interval to monitor. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample. Please specify the brand, type, and viscosity of the oil on your next sample. Please provide more complete information on your next sample.

Wear

Component wear rates appear to be normal (unconfirmed).

Contamination

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

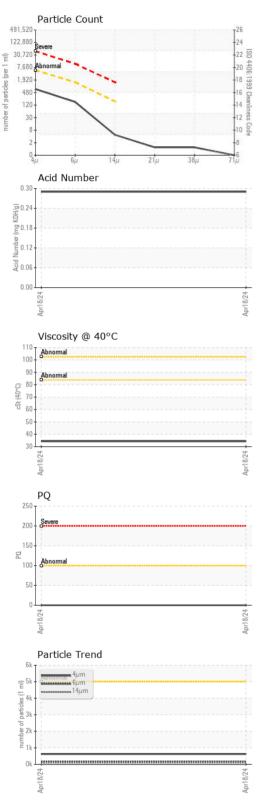
Fluid Condition

Viscosity of sample indicates oil is within ISO 32 range, advise investigate. The AN level is acceptable for this fluid. The condition of the sample is suitable for further service.

SAMPLE INFORMATION method limit/base current history1 Sample Number Client Info 18 Apr 2024 Sample Date Client Info 0 Machine Age hrs Client Info 0 Oil Age hrs Client Info 0 Oil Age hrs Client Info 0 Sample Status Client Info NARMAL CONTAMINATION method limit/base current history1 Water WC Method NEG Vexter WC Method NEG PQ ASTM D8184' 0 Nickel ppm ASTM D5185(m) 0 Nickel ppm ASTM D5185(m) 0 Silver ppm ASTM D5185(m) 0 <	
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Silicon ppm ASTM D5185(m) 1	
Sodium ppm ASTM D5185(m) 0	
Potassium ppm ASTM D5185(m) >20 <1	

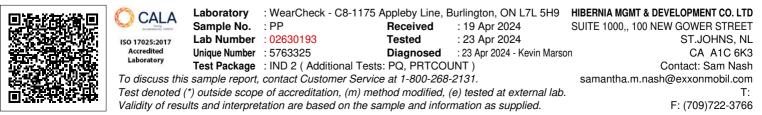


OIL ANALYSIS REPORT



Particles >4µm	IESS	method				history2
i di di di di di di parti		ASTM D7647	>5000	620		
Particles >6µm		ASTM D7647	>1300	149		
Particles >14µm		ASTM D7647	>160	4		
Particles >21µm		ASTM D7647	>40	1		
Particles >38µm		ASTM D7647	>10	1		
Particles >71µm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	16/14/9		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*		0.29		
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE		
Yellow Metal	scalar	Visual*	NONE	NONE		
Precipitate	scalar	Visual*	NONE	NONE		
Silt	scalar	Visual*	NONE	NONE		
Debris	scalar	Visual*	NONE	NONE		
Sand/Dirt	scalar	Visual*	NONE	NONE		
Appearance	scalar	Visual*	NORML	NORML		
Odor	scalar	Visual*	NORML	NORML		
Emulsified Water	scalar	Visual*		NEG		
Free Water	scalar	Visual*		NEG		
FLUID PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)		34.3		
SAMPLE IMAGES	6	method	limit/base	current	history1	history2
SAMPLE IMAGES	5	method	limit/base	current		
	5	method	limit/base	current	history1 no image	history2 no image





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