

OIL ANALYSIS REPORT



MINING ME-502 CATERPILLAR 988K TWX01543

Hydraulic System

SHELL Spirax S4 CX 30 (--- 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.

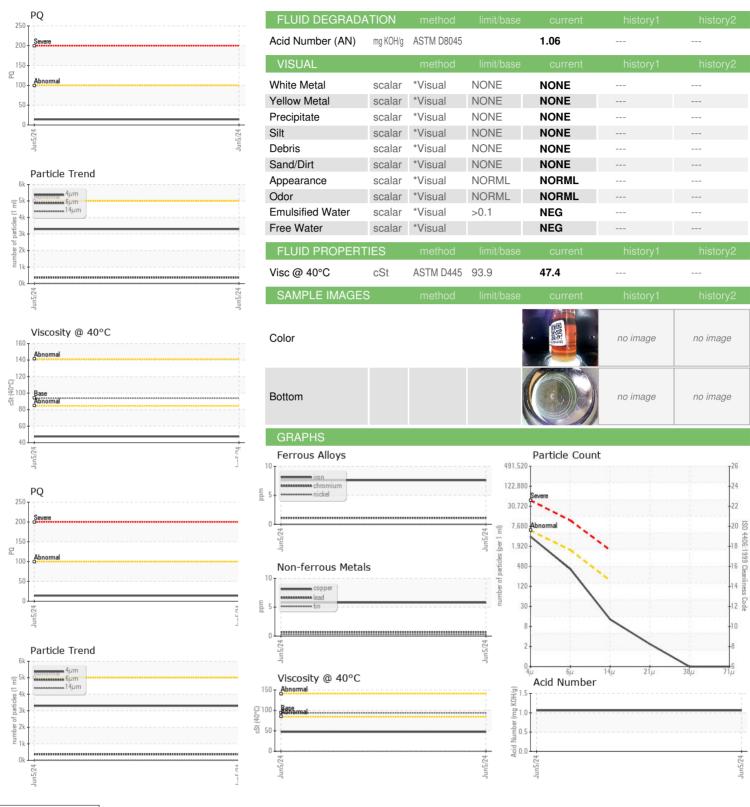
Fluid Condition

The condition of the oil is acceptable for the time in service.

Sample Number Client Info WC0944182	0 (GAL)				Jun2024		
Client Info Name Name	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Client Info	Sample Number		Client Info		WC0944182		
Machine Age hrs Client Info 0			Client Info		05 Jun 2024		
Oil Age hrs Client Info N/A Oil Changed Client Info N/A Sample Status NORMAL CONTAMINATION method limit/base current history1 history1 Water WC Method >0.1 NEG WEAR METALS method limit/base current history1 history1 Wear More Million ppm ASTM D5185m >10 0 Silver ppm ASTM D5185m >10 2 Aluminum ppm ASTM D5185m >10 2 Copper ppm <td>•</td> <td>hrs</td> <td>Client Info</td> <td></td> <td>14009</td> <td></td> <td></td>	•	hrs	Client Info		14009		
Contained Client Info N/A		hrs	Client Info		0		
CONTAMINATION	-				-		
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Titanium	Chromium	ppm	ASTM D5185m	>10	1		
Silver	Nickel	ppm	ASTM D5185m	>10	0		
Silver	Titanium	ppm	ASTM D5185m		<1		
Aluminum	Silver		ASTM D5185m		<1		
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Particles >71μm ASTM D7647 >3 0	·						
	Oil Cleanliness		ISO 4406 (c)	>19/17/14	19/16/11		



OIL ANALYSIS REPORT





Laboratory Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : WC0944182 Lab Number : 06207707

Unique Number : 11075168

Received : 12 Jun 2024 **Tested** Diagnosed

: 13 Jun 2024 : 14 Jun 2024 - Angela Borella

Test Package : CONST (Additional Tests: PQ) Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - 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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