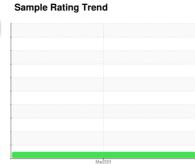


OIL ANALYSIS REPORT



GM SEATTLE OFF RAOD SHOP [GM SEATTLE OFF RAOD SHOP] 24-752

Hydraulic System CAT HYDO (--- GAL)





DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

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.

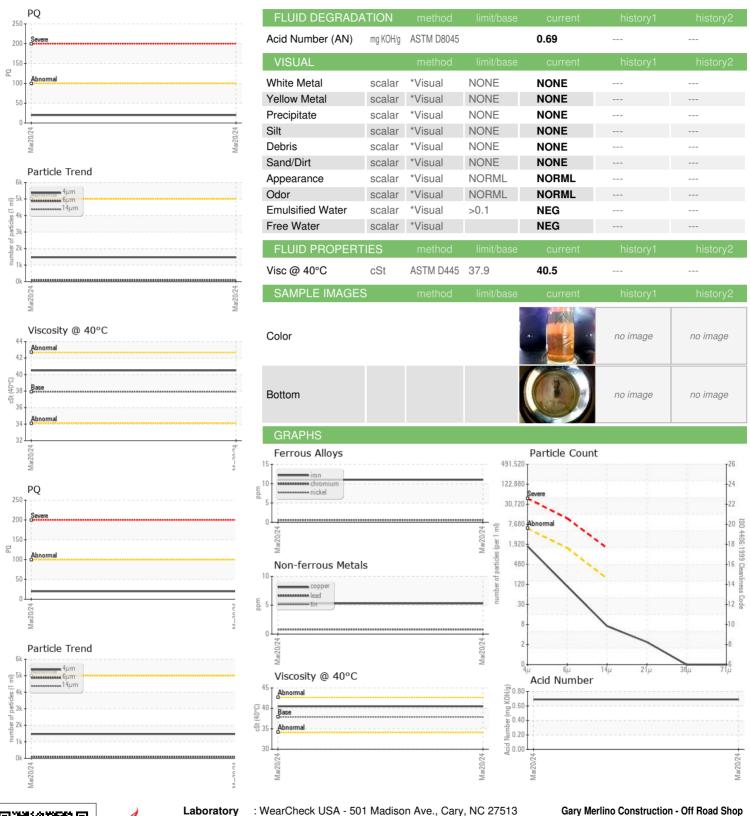
Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

		Ма2024					
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2	
Sample Number		Client Info		PE0003403			
Sample Date		Client Info		20 Mar 2024			
Machine Age	hrs	Client Info		1010			
Oil Age	hrs	Client Info		1010			
Oil Changed		Client Info		Not Changd			
Sample Status				NORMAL			
CONTAMINATIC	N	method	limit/base	current	history1	history2	
Water		WC Method	>0.1	NEG			
WEAR METALS		method	limit/base	current	history1	history2	
PQ		ASTM D8184		20			
Iron	ppm	ASTM D5185m	>20	11			
Chromium	ppm	ASTM D5185m	>10	<1			
Nickel	ppm	ASTM D5185m	>10	<1			
Titanium	ppm	ASTM D5185m		<1			
Silver	ppm	ASTM D5185m		<1			
Aluminum	ppm	ASTM D5185m	>10	3			
Lead	ppm	ASTM D5185m	>10	<1			
Copper	ppm	ASTM D5185m	>75	5			
Tin	ppm	ASTM D5185m	>10	<1			
Vanadium	ppm	ASTM D5185m		<1			
Cadmium	ppm	ASTM D5185m		<1			
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		<1			
Magnesium	ppm	ASTM D5185m		2			
Calcium	ppm	ASTM D5185m		108			
Phosphorus	ppm	ASTM D5185m	1100	609			
Zinc	ppm	ASTM D5185m	1210	712			
Sulfur	ppm	ASTM D5185m		1721			
CONTAMINANT	S	method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m	>20	2			
Sodium	ppm	ASTM D5185m		0			
Potassium	ppm	ASTM D5185m	>20	3			
FLUID CLEANLII	NESS	method	limit/base	current	history1	history2	
Particles >4µm		ASTM D7647	>5000	1468			
Particles >6µm		ASTM D7647	>1300	93			
Particles >14μm		ASTM D7647	>160	6			
Particles >21µm		ASTM D7647	>40	2			
Particles >38µm		ASTM D7647	>10	0			
Particles >71μm		ASTM D7647	>3	0			
Oil Cleanliness		ISO 4406 (c)	>19/17/14	18/14/10			



OIL ANALYSIS REPORT





Certificate 12367

Laboratory Sample No.

: PE0003403 **Lab Number** : 06156856 Unique Number : 10992279

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received

: 22 Apr 2024 **Tested** : 23 Apr 2024 Diagnosed

: 24 Apr 2024 - Angela Borella

Test Package : CONST (Additional Tests: ICP, KV40, PQ, PrtCount, SCREEN) 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.

jessep@gmccinc.com T: (206)255-2601 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

9125 10TH AVE SOUTH

Contact: Jesse Patterson

SEATTLE, WA

US 98108