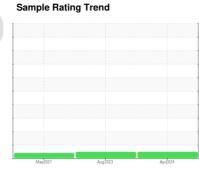


OIL ANALYSIS REPORT

GM Seattle Off Raod Shop [GM Seattle Off Raod Shop] 24-740

Hydraulic System

ISO 46 (--- GAL)





Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil.

Fluid Condition

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

	May(2021 Aug 2023 Aug 2024					
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PE0003075	PE0002307	PE12291255
Sample Date		Client Info		05 Apr 2024	03 Aug 2023	18 May 2021
Machine Age	hrs	Client Info		5556	5185	4064
Oil Age	hrs	Client Info		5556	5185	0
Oil Changed		Client Info		Not Changd	Oil Added	Not Changd
Sample Status				NORMAL	NORMAL	MARGINAL
CONTAMINATION	V	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184		20	10	
Iron	ppm	ASTM D5185m	>20	10	9	8
Chromium	ppm	ASTM D5185m	>10	2	1	1
Nickel	ppm	ASTM D5185m	>10	<1	0	0
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		<1	0	<1
Aluminum	ppm	ASTM D5185m	>10	3	2	1
Lead	ppm	ASTM D5185m		2	1	3
Copper	ppm	ASTM D5185m	>75	12	11	13
Tin	ppm	ASTM D5185m	>10	<1	<1	0
Antimony	ppm	ASTM D5185m				0
Vanadium	ppm	ASTM D5185m		<1	<1	0
Cadmium	ppm	ASTM D5185m		<1	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		<1	<1	0
Manganese	ppm	ASTM D5185m		<1	<1	
Magnesium	ppm	ASTM D5185m		4	3	5
Calcium	ppm	ASTM D5185m		596	639	755
Phosphorus	ppm	ASTM D5185m		409	408	427
Zinc	ppm	ASTM D5185m		413	411	464
Sulfur	ppm	ASTM D5185m		2697	2853	
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm		>20	4	4	3
Sodium	ppm	ASTM D5185m	00	0	<1	3
Potassium	ppm	ASTM D5185m	>20	2	0	2
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	746	2461	
Particles >6µm		ASTM D7647	>1300	76	655	
Particles >14μm		ASTM D7647	>160	8	51	
Particles >21µm		ASTM D7647		2	14	
Particles >38µm		ASTM D7647	>10	0	0	
Particles >71μm		ASTM D7647	>3	0	0	
Oil Cleanliness		ISO 4406 (c)	>19/17/14	17/13/10	18/17/13	18/15/12



OIL ANALYSIS REPORT





Certificate 12367

Laboratory Sample No.

: PE0003075 Lab Number : 06156859 Unique Number : 10992282

Received **Tested**

: 22 Apr 2024 : 23 Apr 2024 : 24 Apr 2024 - Angela Borella Diagnosed Test Package : CONST (Additional Tests: ICP, KV40, PQ, PrtCount, SCREEN)

US 98108 Contact: Jesse Patterson oilsamples@gmccinc.com T: 1(866)292-1303

9125 10TH AVE SOUTH

SEATTLE, WA

* - 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)

To discuss this sample report, contact Customer Service at 1-800-237-1369.