

WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION ABNORMAL



CATERPILLAR 1600G SCOOP 213

Front Left Planetary

DIESEL ENGINE OIL SAE 50 (--- GAL)

RECOMMENDATION	
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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.

FLUID CONDITION

Viscosity of sample indicates oil is within SAE 40 range, advise investigate. The condition of the oil is acceptable for the time in service.

GAL)						
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0952477	WC0879711	
Sample Date		Client Info		02 Jul 2024	22 Nov 2023	
Machine Age	hrs	Client Info		18405	0	
Oil Age	hrs	Client Info		0	0	
Filter Age	hrs	Client Info		0	0	
Oil Changed		Client Info		Changed	Changed	
Filter Changed		Client Info		N/A	Changed	
Sample Status				ABNORMAL	ABNORMAL	
Iron			>500	7	23	
Chromium	ppm	ASTM D5185(m)		0	0	
	ppm	ASTM D5185(m)	>10	-		
Nickel	ppm	ASTM D5185(m)	>10	<1	<1	
Titanium	ppm	ASTM D5185(m)		0	0	
Silver	ppm	ASTM D5185(m)	05	0	<1	
Aluminum	ppm	ASTM D5185(m)	>25	1	2	
Lead	ppm	ASTM D5185(m)	>25	0	<1	
Copper	ppm	ASTM D5185(m)	>75	2	6	
Tin	ppm	ASTM D5185(m)	>10	0	0	
Vanadium	ppm	ASTM D5185(m)		0	0	
White Metal	scalar	Visual*	NONE	VLITE	NONE	
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	
Silicon	ppm	ASTM D5185(m)	>75	6	8	
Potassium	ppm	ASTM D5185(m)	>20	<1	0	
Water		WC Method	>0.2	NEG	NEG	
Silt	scalar	Visual*	NONE	NONE	NONE	
Debris	scalar	Visual*	NONE	LIGHT	NONE	
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	
Appearance	scalar	Visual*	NORML	NORML	NORML	
Odor	scalar	Visual*	NORML	NORML	NORML	
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	
Sodium	ppm	ASTM D5185(m)		1	2	
Boron	ppm	ASTM D5185(m)	250	36	24	
Barium	ppm	ASTM D5185(m)	10	0	<1	
Molybdenum	ppm	ASTM D5185(m)	100	21	30	
Manganese	ppm	ASTM D5185(m)		<1	0	
Magnesium	ppm	ASTM D5185(m)	450	262	438	
Calcium	ppm	ASTM D5185(m)	3000	1902	1500	
Phosphorus	ppm	ASTM D5185(m)	1150	682	752	
Zinc	ppm	ASTM D5185(m)	1350	812	873	
Sulfur	ppm	ASTM D5185(m)	4250	4363	4072	
Vice @ 40°C	0°t	ASTM D7270(m)	104	105	01.1	

Visc @ 40°C

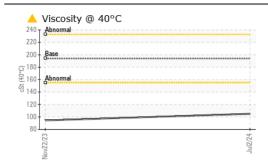
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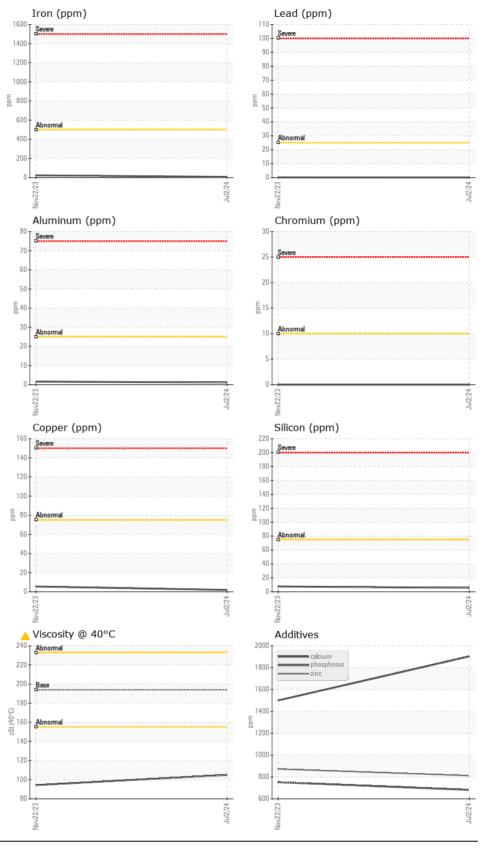
ASTM D7279(m) 194

Contact/Location: Mike Campbell - KIR370KIR

94.4

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Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Agnico Eagle Canada CALA Sample No. Received 1350 Government Rd. W, MACASSA COMPLEX : WC0952477 : 04 Jul 2024 Lab Number : 02645569 Tested : 04 Jul 2024 Kirkland Lake, ON ISO 17025:2017 Diagnosed Accredited Unique Number : 5803108 : 05 Jul 2024 - Kevin Marson CA P2N 3J1 Laboratory Test Package : MOB 1 Contact: Mike Campbell To discuss this sample report, contact Customer Service at 1-800-268-2131. mike.campbell@agnicoeagle.com T: (705)567-5208 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied. F: (705)567-5221

Contact/Location: Mike Campbell - KIR370KIR Page 2 of 2