

OIL ANALYSIS REPORT









Machine Id **CATERPILLAR 980H 2230704**

Component
Rear Right Planetary

{not provided} (--- GAI

Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

Fluid Condition

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

.)				Jun2024		
SAMPLE INFORI	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0914628		
Sample Date		Client Info		25 Jun 2024		
Machine Age	hrs	Client Info		27735		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
ron	ppm	ASTM D5185(m)	>500	15		
Chromium	ppm	ASTM D5185(m)	>10	0		
Nickel	ppm	ASTM D5185(m)	>10	<1		
Titanium	ppm	ASTM D5185(m)		0		
Silver	ppm	ASTM D5185(m)		<1		
Aluminum	ppm	ASTM D5185(m)	>25	1		
Lead	ppm	ASTM D5185(m)	>25	0		
Copper	ppm	ASTM D5185(m)	>75	3		
Γin	ppm	ASTM D5185(m)	>10	0		
Antimony	ppm	ASTM D5185(m)	>5	0		
√anadium	ppm	ASTM D5185(m)		0		
Beryllium	ppm	ASTM D5185(m)		0		
Cadmium	ppm	ASTM D5185(m)		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		85		
Barium	ppm	ASTM D5185(m)		0		
Molybdenum	ppm	ASTM D5185(m)		6		
Manganese	ppm	ASTM D5185(m)		<1		
Magnesium	ppm	ASTM D5185(m)		46		
Calcium	ppm	ASTM D5185(m)		3344		
Phosphorus	ppm	ASTM D5185(m)		1070		
Zinc	ppm	ASTM D5185(m)		1328		
Sulfur	ppm	ASTM D5185(m)		6386		
Lithium	ppm	ASTM D5185(m)		<1		
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>75	13		
Sodium	ppm	ASTM D5185(m)		<1		
Datasalium		ACTM DE40E/	00	4		

ASTM D5185(m) >20

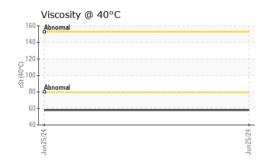
ppm

<1

Potassium

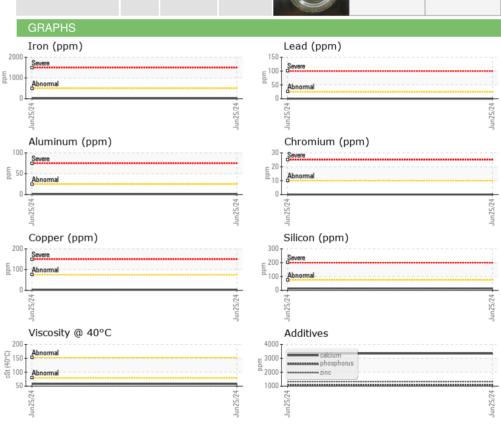


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SAMPLE IMAGES	method	limit/base	current	history1	history2
Color			V	no image	no image
Bottom			63	no image	no image
GRAPHS					





CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No.

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Lab Number : 02644645 Unique Number : 5802184

: WC0914628 Test Package : MOB 1

Received : 28 Jun 2024 **Tested** : 28 Jun 2024

Diagnosed : 28 Jun 2024 - Wes Davis

To discuss this sample report, contact Customer Service at 1-800-268-2131.

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.

E.C. KING CONTRACTING

2125 - 20TH AVENUE EAST OWEN SOUND, ON CA N4K 5P7

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