



OIL ANALYSIS REPORT

Area
Quincaillerie Eastman [E27032024F]
 Machine Id
CATERPILLAR 313 HDK10022
 Component
Pre-Flush Hydraulic System
 Fluid
AW HYDRAULIC OIL ISO 46 (250 LTR)

Sample Rating Trend



VISUAL METAL



DIAGNOSIS

▲ Recommendation

Il s'agit du relevé de base de l'échantillon soumis.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC	---	---
Sample Date	Client Info		26 Jun 2024	---	---
Machine Age	hrs Client Info		2972	---	---
Oil Age	hrs Client Info		0	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			ABNORMAL	---	---

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.1	NEG	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm ASTM D5185(m)	>20	5	---	---
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)		0	---	---
Aluminum	ppm ASTM D5185(m)	>10	<1	---	---
Lead	ppm ASTM D5185(m)	>10	6	---	---
Copper	ppm ASTM D5185(m)	>75	2	---	---
Tin	ppm ASTM D5185(m)	>10	0	---	---
Antimony	ppm ASTM D5185(m)		0	---	---
Vanadium	ppm ASTM D5185(m)		0	---	---
Beryllium	ppm ASTM D5185(m)		0	---	---
Cadmium	ppm ASTM D5185(m)		0	---	---

ADDITIVES

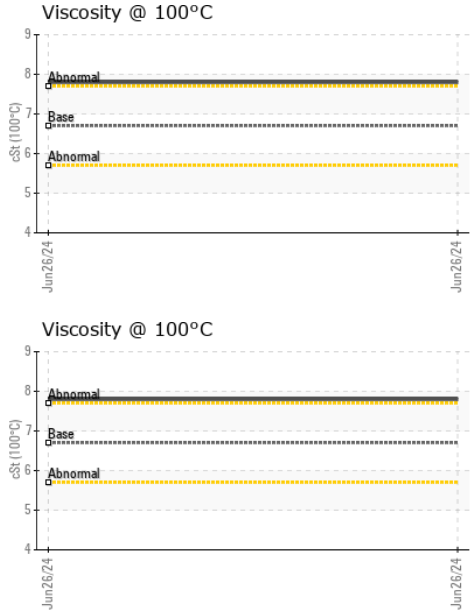
	method	limit/base	current	history1	history2
Boron	ppm ASTM D5185(m)	5	<1	---	---
Barium	ppm ASTM D5185(m)	5	0	---	---
Molybdenum	ppm ASTM D5185(m)	5	0	---	---
Manganese	ppm ASTM D5185(m)		0	---	---
Magnesium	ppm ASTM D5185(m)	25	7	---	---
Calcium	ppm ASTM D5185(m)	200	68	---	---
Phosphorus	ppm ASTM D5185(m)	300	199	---	---
Zinc	ppm ASTM D5185(m)	370	253	---	---
Sulfur	ppm ASTM D5185(m)	2500	1182	---	---
Lithium	ppm ASTM D5185(m)		<1	---	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m)	>20	<1	---	---
Sodium	ppm ASTM D5185(m)		3	---	---
Potassium	ppm ASTM D5185(m)	>20	<1	---	---






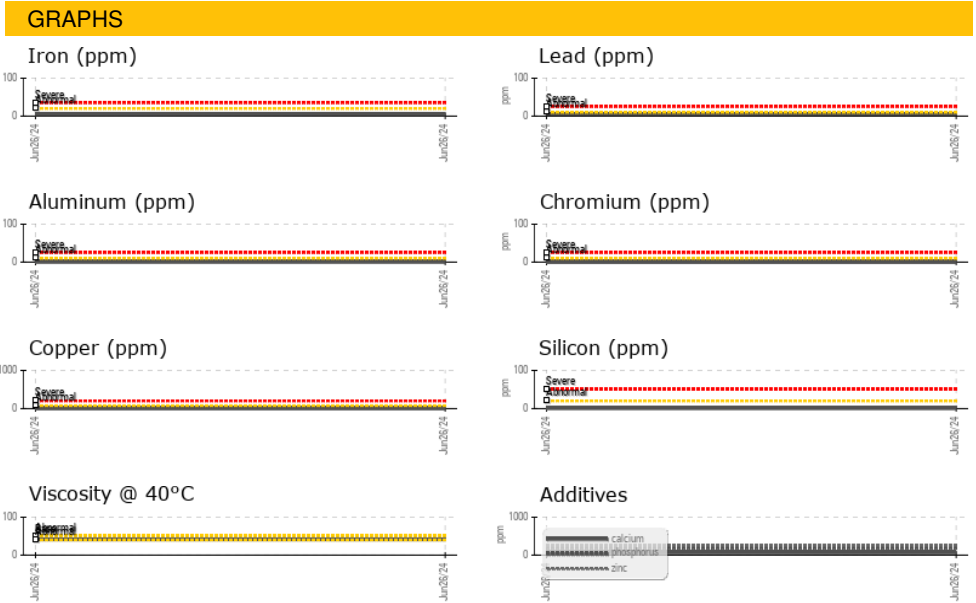
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VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	▲ VLITE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.1	NEG	---
Free Water	scalar	Visual*		NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	46	41.4	---
Visc @ 100°C	cSt	ASTM D7279(m)	6.7	7.8	---
Viscosity Index (VI)	Scale	ASTM D2270*	97	161	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color				no image	no image
Bottom				no image	no image
PrtFilter				no image	no image



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC
Lab Number : 02644910
Unique Number : 5802449
Test Package : MOB 1 (Additional Tests: Bottom, BottomAnalysis, FilterPatch, KV100, KV40, SPAN)

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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.