



OIL ANALYSIS REPORT

Area
MUNICIPALITE DE RACINE [E27032024D]
 Machine Id
CASE 580SN NKC764028
 Component
Pre-Flush Hydraulic System
 Fluid
CASE CASE IH HY-TRAN ULTRA (129 LTR)

Sample Rating Trend



ADDITIVES



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			11 Apr 2024	---	---
Machine Age	hrs Client Info			1601	---	---
Oil Age	hrs Client Info			0	---	---
Oil Changed	Client Info			N/A	---	---
Sample Status				ATTENTION	---	---

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

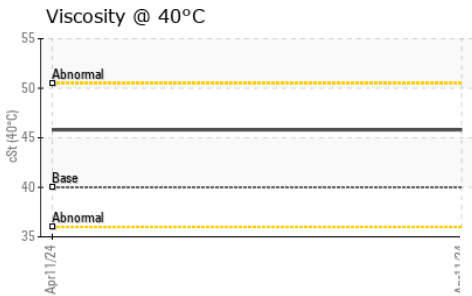
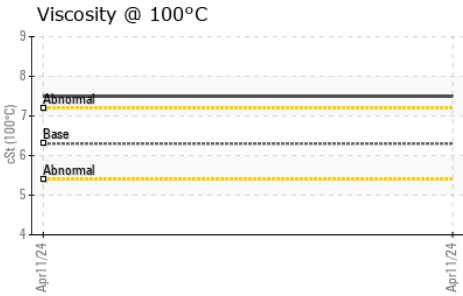
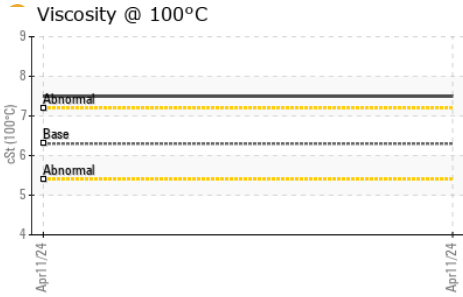
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>65	11	---	---
Chromium	ppm	ASTM D5185(m)	>6	0	---	---
Nickel	ppm	ASTM D5185(m)	>10	<1	---	---
Titanium	ppm	ASTM D5185(m)		0	---	---
Silver	ppm	ASTM D5185(m)		0	---	---
Aluminum	ppm	ASTM D5185(m)	>5	1	---	---
Lead	ppm	ASTM D5185(m)	>45	<1	---	---
Copper	ppm	ASTM D5185(m)	>120	6	---	---
Tin	ppm	ASTM D5185(m)	>4	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)		● 86	---	---
Barium	ppm	ASTM D5185(m)		0	---	---
Molybdenum	ppm	ASTM D5185(m)		0	---	---
Manganese	ppm	ASTM D5185(m)		<1	---	---
Magnesium	ppm	ASTM D5185(m)		15	---	---
Calcium	ppm	ASTM D5185(m)		3500	---	---
Phosphorus	ppm	ASTM D5185(m)		● 957	---	---
Zinc	ppm	ASTM D5185(m)	0.0	● 1151	---	---
Sulfur	ppm	ASTM D5185(m)		● 3159	---	---
Lithium	ppm	ASTM D5185(m)		<1	---	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>25	16	---	---
Sodium	ppm	ASTM D5185(m)		24	---	---
Potassium	ppm	ASTM D5185(m)	>20	4	---	---



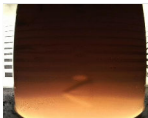

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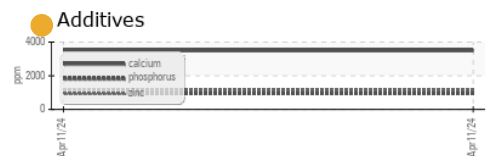
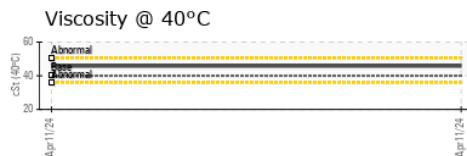
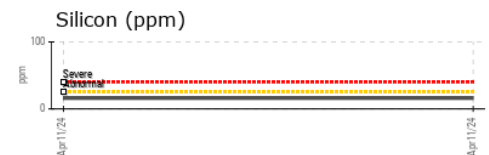
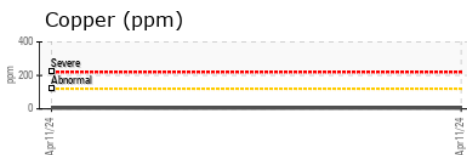
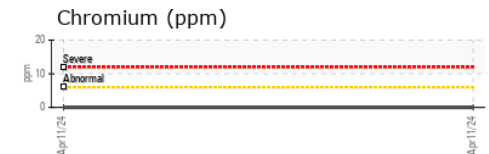
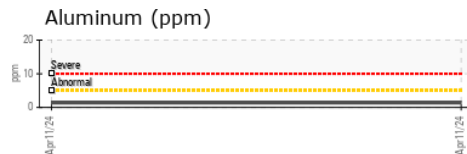
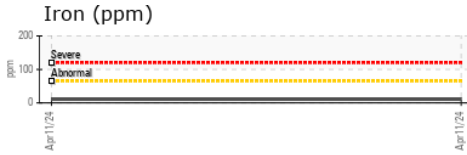
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---
Precipitate	scalar	Visual*	NONE	NONE	---	---
Silt	scalar	Visual*	NONE	NONE	---	---
Debris	scalar	Visual*	NONE	VLITE	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---	---
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)	40	45.8	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	6.3	7.5	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	103	128	---	---

SAMPLE IMAGES

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

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC **Received** : 15 Apr 2024
Lab Number : **02628923** **Tested** : 16 Apr 2024
Unique Number : 5762055 **Diagnosed** : 22 Apr 2024 - Bill Quesnel
Test Package : MOB 1 (Additional Tests: KV100, KV40, Spat, VI)

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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.