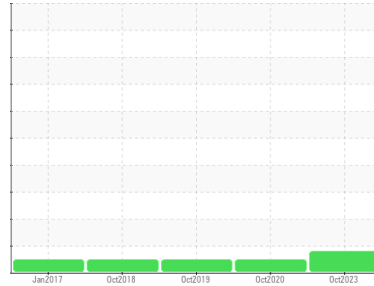


OIL ANALYSIS REPORT

Sample Rating Trend

FUEL

Area
[209223]
Machine Id
KUBOTA D1402-BG1 GU860
Component
Diesel Engine
Fluid
APRIL SUPERFLO GOLD K 15W40 (--- GAL)



DIAGNOSIS

Recommendation

Nous avons pris note que la vidange d'huile a été effectuée au moment de l'échantillonnage. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Aucune autre mesure corrective n'est recommandée pour l'instant.

Wear

Les taux d'usure de tous les composants sont normaux.

Contamination

Légère dilution de carburant dans l'huile. Aucun autre contaminant n'a été détecté dans l'huile.

Fluid Condition

L'état de l'huile est acceptable pour la durée de service.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	WA0019884	GD0004390	GD0003829
Sample Date	Client Info	03 Oct 2023	19 Oct 2020	02 Oct 2019
Machine Age	hrs	1943	1693	1590
Oil Age	hrs	0	30	0
Oil Changed	Client Info	Changed	Changed	N/A
Sample Status		MARGINAL	NORMAL	NORMAL

CONTAMINATION

method	limit/base	current	history1	history2
Glycol	WC Method	NEG	NEG	NEG

WEAR METALS

method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185(m) >100	2	2	2
Chromium	ppm	ASTM D5185(m) >20	0	<1	<1
Nickel	ppm	ASTM D5185(m) >4	0	0	0
Titanium	ppm	ASTM D5185(m)	0	0	<1
Silver	ppm	ASTM D5185(m) >3	<1	0	<1
Aluminum	ppm	ASTM D5185(m) >20	<1	1	1
Lead	ppm	ASTM D5185(m) >40	6	0	<1
Copper	ppm	ASTM D5185(m) >330	<1	<1	<1
Tin	ppm	ASTM D5185(m) >15	0	<1	0
Antimony	ppm	ASTM D5185(m)	0	0	<1
Vanadium	ppm	ASTM D5185(m)	0	0	0
Beryllium	ppm	ASTM D5185(m)	0	0	0
Cadmium	ppm	ASTM D5185(m)	0	0	0

ADDITIVES

method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185(m) 34	26	17	<1
Barium	ppm	ASTM D5185(m) 0	<1	0	<1
Molybdenum	ppm	ASTM D5185(m) 70	59	66	58
Manganese	ppm	ASTM D5185(m)	0	<1	<1
Magnesium	ppm	ASTM D5185(m) 640	811	732	959
Calcium	ppm	ASTM D5185(m) 1410	1160	1330	1010
Phosphorus	ppm	ASTM D5185(m) 1020	959	1003	1000
Zinc	ppm	ASTM D5185(m) 1170	1141	1227	1177
Sulfur	ppm	ASTM D5185(m) 2930	2559	2868	2562
Lithium	ppm	ASTM D5185(m)	<1	<1	<1

CONTAMINANTS

method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185(m) >25	21	4	2
Sodium	ppm	ASTM D5185(m)	2	2	<1
Potassium	ppm	ASTM D5185(m) >20	0	<1	<1
Fuel	%	ASTM D7593* >5	▲ 4	<1.0	<1.0

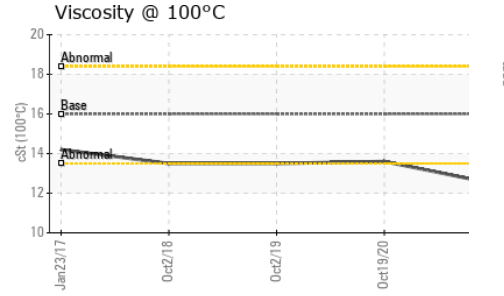
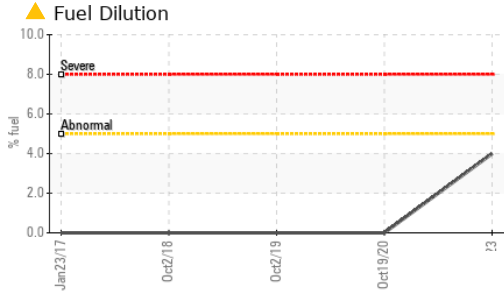
INFRA-RED

method	limit/base	current	history1	history2	
Soot %	%	ASTM D7844* >3	0	0	0
Nitration	Abs/cm	ASTM D7624* >20	5.6	6.5	5.9
Sulfation	Abs/.1mm	ASTM D7415* >30	17.8	17.7	19.1

FLUID DEGRADATION

method	limit/base	current	history1	history2	
Oxidation	Abs/.1mm	ASTM D7414* >25	13.5	14.6	13.0

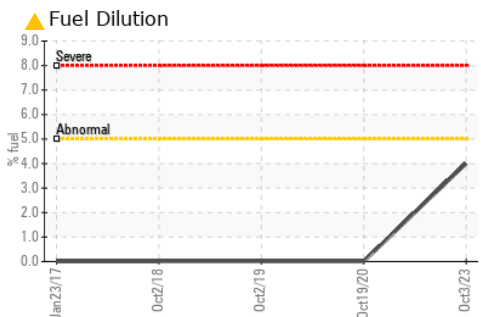
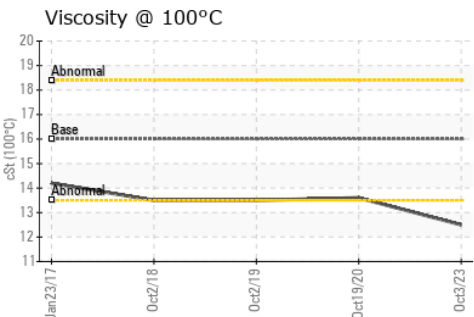
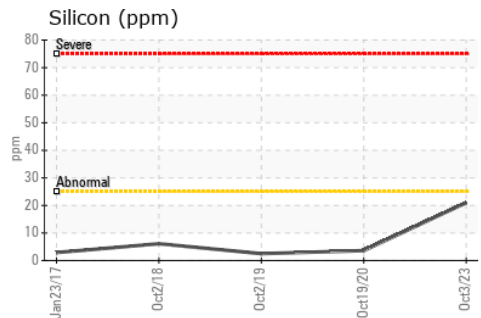
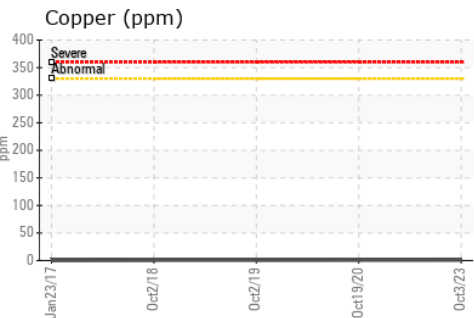
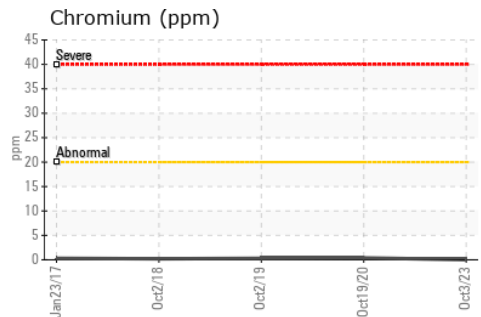
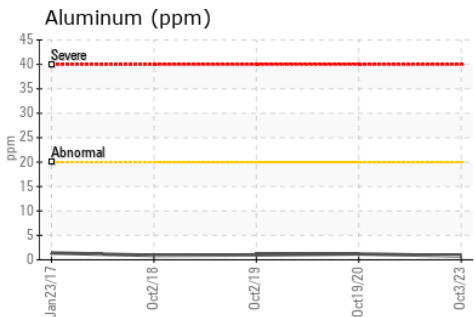
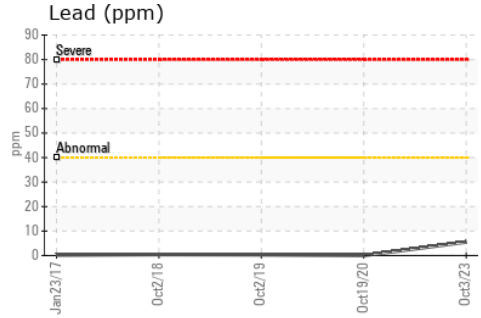
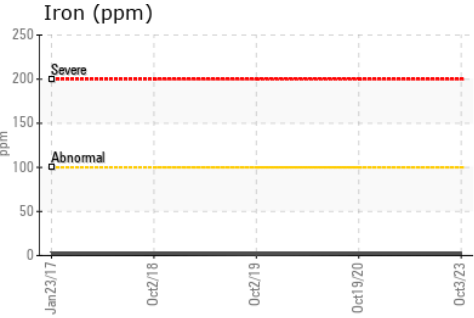
OIL ANALYSIS REPORT



VISUAL	method	limit/base	current	history1	history2
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG
Free Water	scalar	Visual*		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D7279(m)	16.0	12.5	13.6

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WA0019884 **Received** : 11 Oct 2023
Lab Number : 02588214 **Diagnosed** : 12 Oct 2023
Unique Number : 5657280 **Diagnostician** : Wes Davis
Test Package : MOB 1 (Additional Tests: FuelDilution, PercentFuel)

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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.