



Machine Id
7229
 Component
Diesel Engine
 Fluid
DIESEL ENGINE OIL SAE 10W30 (--- GAL)

RECOMMENDATION

Vérifier le niveau du fluide de refroidissement. Nous avons pris note que la vidange d'huile a été effectuée au moment de l'échantillonnage. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

WEAR

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

CONTAMINATION

Des produits de traitement de l'eau sont présents, ce qui indique une fuite lente de fluide de refroidissement. Le test de glycol est négatif.

FLUID CONDITION

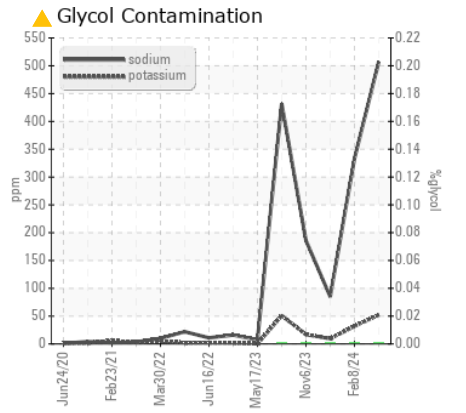
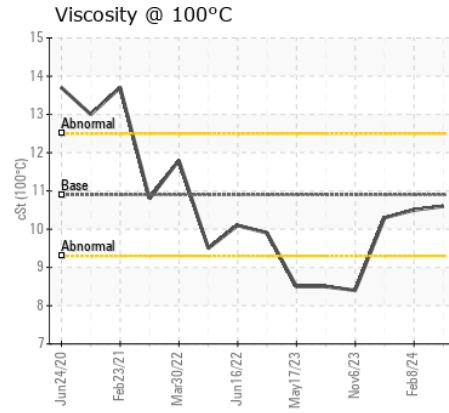
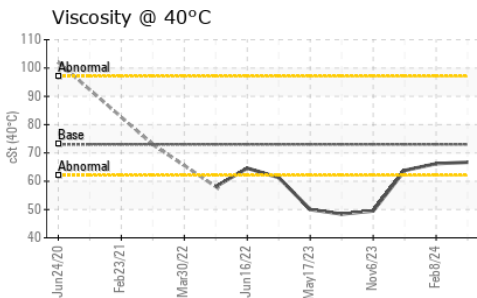
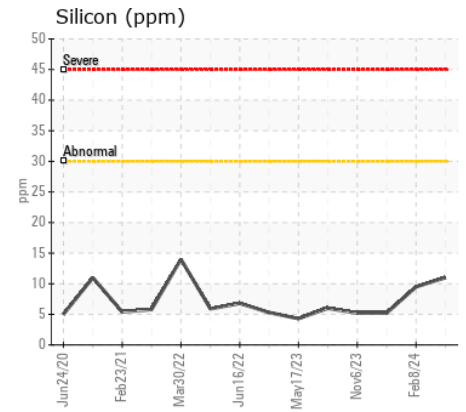
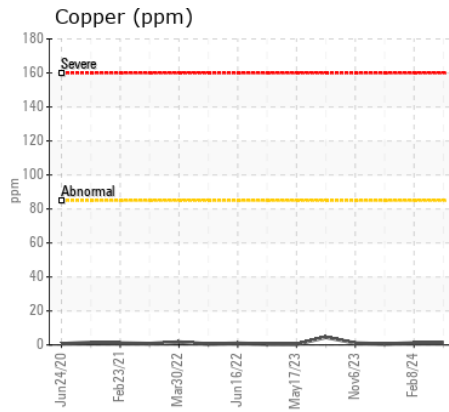
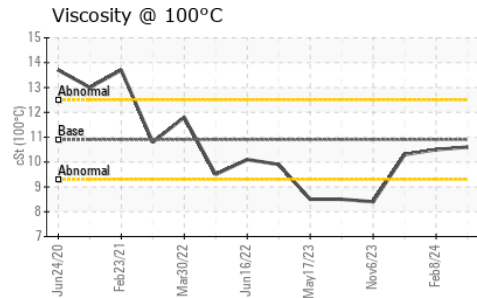
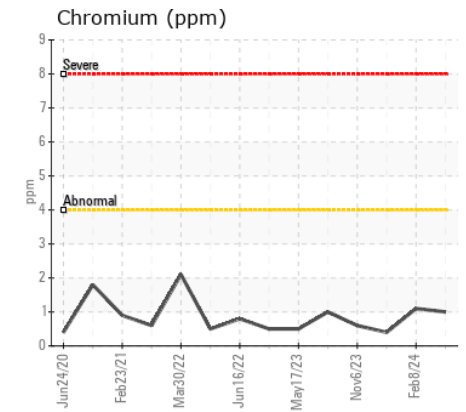
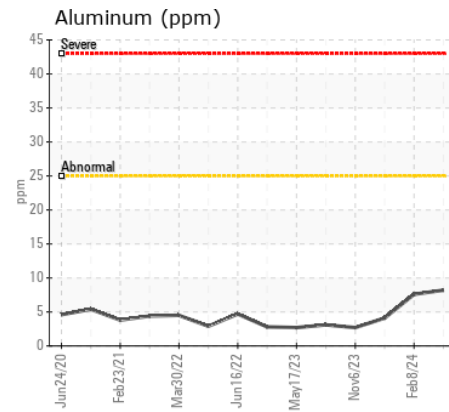
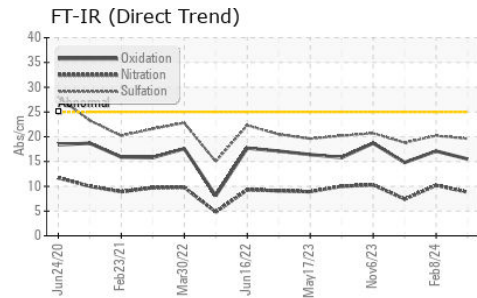
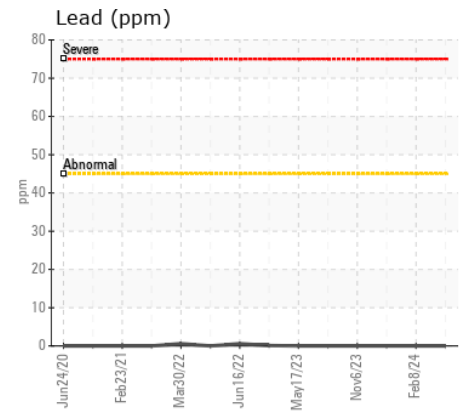
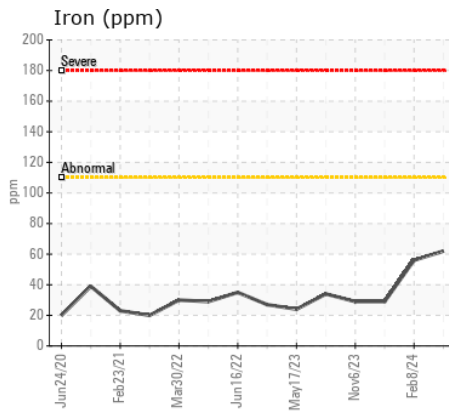
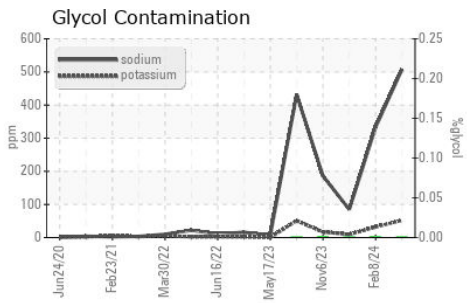
L'état de l'huile est acceptable pour la durée de service (voir recommandation).

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0088178	PC0083853	PC0081886
Sample Date		Client Info		24 Apr 2024	08 Feb 2024	20 Dec 2023
Machine Age	kms	Client Info		165266	161630	166745
Oil Age	kms	Client Info		0	0	0
Filter Age	kms	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	N/A
Filter Changed		Client Info		Changed	Changed	N/A
Sample Status				ABNORMAL	ATTENTION	ABNORMAL

Iron	ppm	ASTM D5185(m)	>110	62	56	29
Chromium	ppm	ASTM D5185(m)	>4	1	1	<1
Nickel	ppm	ASTM D5185(m)	>2	<1	<1	<1
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)	>2	0	0	0
Aluminum	ppm	ASTM D5185(m)	>25	8	8	4
Lead	ppm	ASTM D5185(m)	>45	0	0	0
Copper	ppm	ASTM D5185(m)	>85	1	1	<1
Tin	ppm	ASTM D5185(m)	>4	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0

Silicon	ppm	ASTM D5185(m)	>30	11	10	5
Potassium	ppm	ASTM D5185(m)	>20	52	32	10
Fuel		WC Method	>5	<1.0	4.8	5
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol	%	ASTM D7922*		0.0	0.0	0.0
Soot %	%	ASTM D7844*	>3	0.2	0.3	0.1
Nitration	Abs/cm	ASTM D7624*	>20	8.8	10.2	7.4
Sulfation	Abs/.1mm	ASTM D7415*	>30	19.6	20.2	18.8
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	NEG

Sodium	ppm	ASTM D5185(m)		507	333	85
Boron	ppm	ASTM D5185(m)	250	11	7	7
Barium	ppm	ASTM D5185(m)	10	0	0	0
Molybdenum	ppm	ASTM D5185(m)	100	81	73	59
Manganese	ppm	ASTM D5185(m)		<1	0	0
Magnesium	ppm	ASTM D5185(m)	450	892	894	878
Calcium	ppm	ASTM D5185(m)	3000	981	1013	972
Phosphorus	ppm	ASTM D5185(m)	1150	943	969	939
Zinc	ppm	ASTM D5185(m)	1350	1108	1114	1092
Sulfur	ppm	ASTM D5185(m)	4250	2481	2564	2610
Oxidation	Abs/.1mm	ASTM D7414*	>25	15.5	17.1	14.8
Visc @ 40°C	cSt	ASTM D7279(m)	73	66.7	66.2	63.8
Visc @ 100°C	cSt	ASTM D7279(m)	10.9	10.6	10.5	10.3
Viscosity Index (VI)	Scale	ASTM D2270*	138	147	146	149



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0088178
Lab Number : 02631550
Unique Number : 5772703
Test Package : MOB 1 (Additional Tests: Glycol, KV40, VI)
Received : 26 Apr 2024
Tested : 26 Apr 2024
Diagnosed : 29 Apr 2024 - Kevin Marson
 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.

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