MOB I LUBE 360 OIL DIAGNOSTICS

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
811038
Component
Diesel Engine
Fluid
PETRO CANADA DURON SHP 10W30 (30 LTR)

RECOMMENDATION

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

WEAR

Les taux de métaux sont typiques pour la période de rodage d'un nouveau composant.

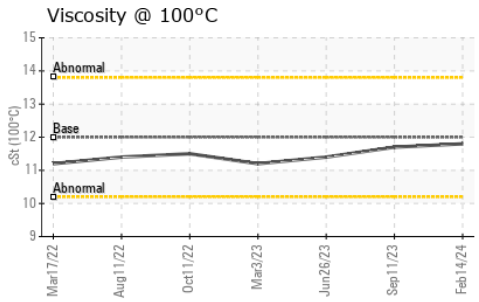
CONTAMINATION

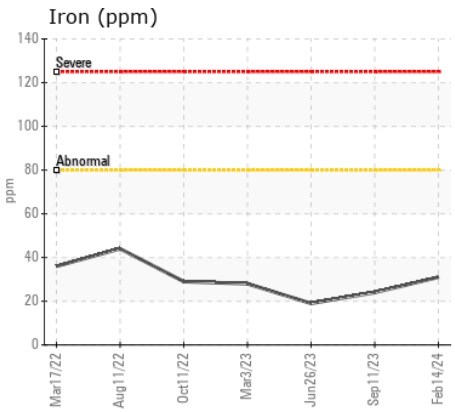
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n`y a aucun indice de contamination dans l'huile.

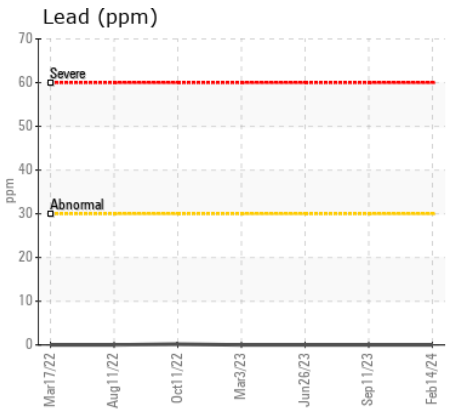
FLUID CONDITION

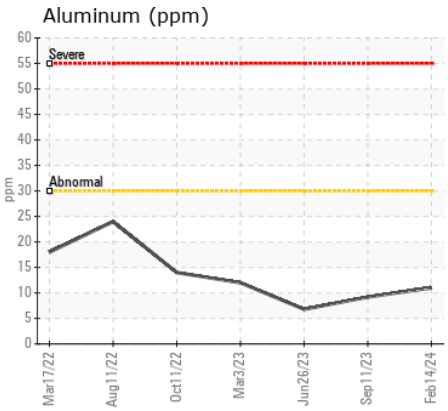
L'état de l'huile est acceptable pour la durée de service.

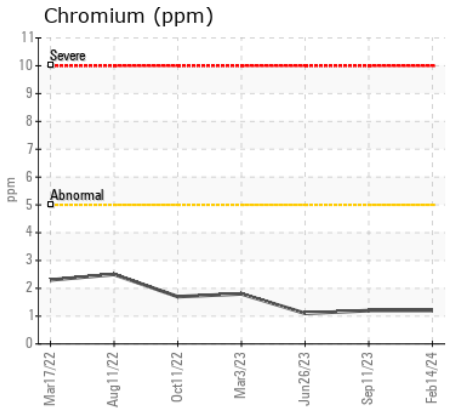
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0096441	GFL0087573	GFL0087679
Sample Date		Client Info		14 Feb 2024	11 Sep 2023	26 Jun 2023
Machine Age	kms	Client Info		102317	89550	80032
Oil Age	kms	Client Info		0	0	4086
Filter Age	kms	Client Info		0	0	4086
Oil Changed		Client Info		N/A	Changed	Changed
Filter Changed		Client Info		N/A	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL
Iron	ppm	ASTM D5185(m)	>80	31	24	19
Chromium	ppm	ASTM D5185(m)	>5	1	1	1
Nickel	ppm	ASTM D5185(m)	>2	0	<1	<1
Titanium	ppm	ASTM D5185(m)		<1	<1	0
Silver	ppm	ASTM D5185(m)	>3	0	0	1
Aluminum	ppm	ASTM D5185(m)	>30	11	9	7
Lead	ppm	ASTM D5185(m)	>30	0	0	0
Copper	ppm	ASTM D5185(m)	>150	2	2	2
Tin	ppm	ASTM D5185(m)	>5	0	0	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
Silicon	ppm	ASTM D5185(m)	>20	3	3	3
Potassium	ppm	ASTM D5185(m)	>20	16	16	10
Fuel		WC Method	>5	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
Soot %	%	ASTM D7844*	>3	0.7	0.6	0.5
Nitration	Abs/cm	ASTM D7624*	>20	10.3	8.8	8.3
Sulfation	Abs/.1mm	ASTM D7415*	>30	21.2	20.8	20.0
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	NEG
Sodium	ppm	ASTM D5185(m)		2	2	2
Boron	ppm	ASTM D5185(m)	2	1	2	2
Barium	ppm	ASTM D5185(m)	0	0	0	0
Molybdenum	ppm	ASTM D5185(m)	50	62	59	58
Manganese	ppm	ASTM D5185(m)	0	0	<1	<1
Magnesium	ppm	ASTM D5185(m)	950	1016	983	981
Calcium	ppm	ASTM D5185(m)	1050	1117	1081	1088
Phosphorus	ppm	ASTM D5185(m)	995	1006	1040	1036
Zinc	ppm	ASTM D5185(m)	1180	1207	1181	1185
Sulfur	ppm	ASTM D5185(m)	2600	2401	2422	2471
Oxidation	Abs/.1mm	ASTM D7414*	>25	17.2	15.9	15.3
Visc @ 100°C	cSt	ASTM D7279(m)	12.00	11.8	11.7	11.4

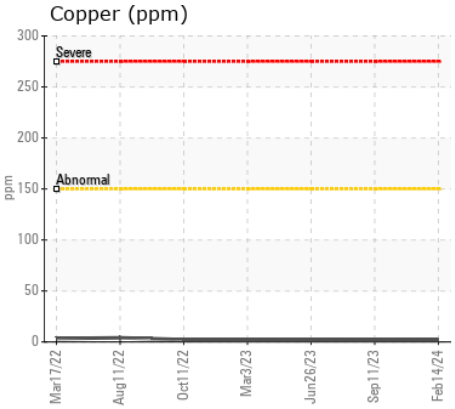


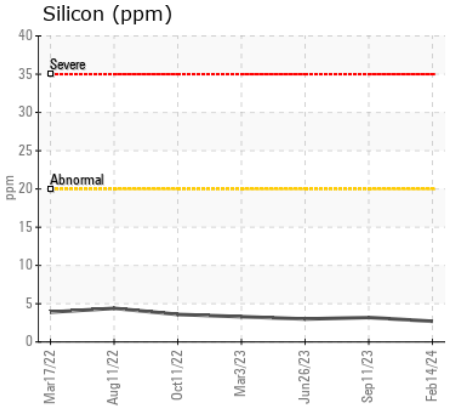


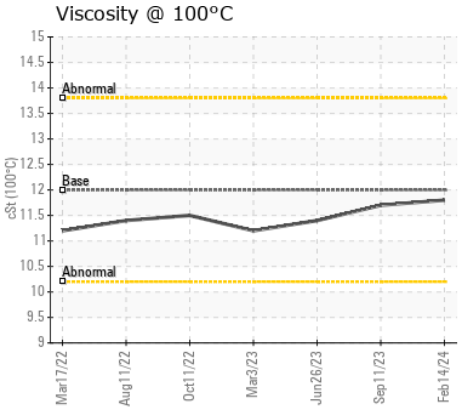


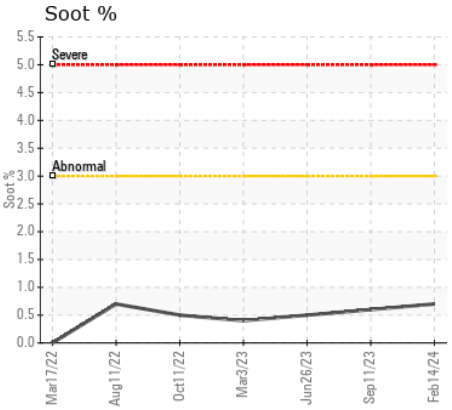












ISO 17025:2017 Accredited Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0096441
Lab Number : 02625161
Unique Number : 5750280
Test Package : MOB 1

Received : 28 Mar 2024
Tested : 28 Mar 2024
Diagnosed : 28 Mar 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.

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