MOB II LUBE 360 OIL DIAGNOSTICS

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
5196
Component
Gasoline Engine
Fluid
SAE 5W20 (--- GAL)

RECOMMENDATION

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

WEAR

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

CONTAMINATION

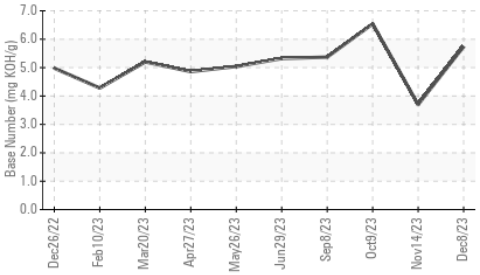
Il n`y a aucun indice de contamination dans l'huile.

FLUID CONDITION

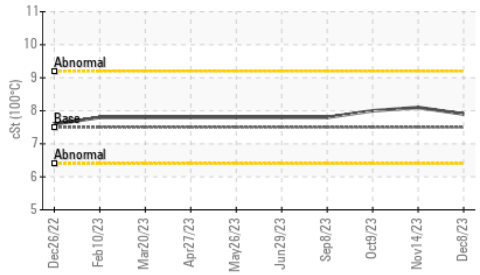
Le résultat pour le BN indique que la réserve d'alcalinité est acceptable pour l'huile. L'état de l'huile permet d'en prolonger l'utilisation.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0079645	PC0079818	PC0074160
Sample Date		Client Info		08 Dec 2023	14 Nov 2023	09 Oct 2023
Machine Age	hrs	Client Info		76955	71015	0
Oil Age	hrs	Client Info		5940	8422	5923
Filter Age	hrs	Client Info		5940	8422	5923
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL
Iron	ppm	ASTM D5185(m)	>150	9	10	4
Chromium	ppm	ASTM D5185(m)	>20	<1	<1	0
Nickel	ppm	ASTM D5185(m)	>5	<1	<1	0
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)	>2	0	0	<1
Aluminum	ppm	ASTM D5185(m)	>40	2	2	1
Lead	ppm	ASTM D5185(m)	>50	<1	0	0
Copper	ppm	ASTM D5185(m)	>155	<1	1	<1
Tin	ppm	ASTM D5185(m)	>10	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	VLITE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185(m)	>30	12	10	7
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	0
Fuel		WC Method	>4.0	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
Soot %	%	ASTM D7844*		0	0	0
Nitration	Abs/cm	ASTM D7624*	>20	9.4	9.2	5.7
Sulfation	Abs/.1mm	ASTM D7415*	>30	20.4	20.7	15.2
Silt	scalar	Visual*	NONE	NONE	NONE	VLITE
Debris	scalar	Visual*	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	NEG
Sodium	ppm	ASTM D5185(m)		2	2	1
Boron	ppm	ASTM D5185(m)		88	58	81
Barium	ppm	ASTM D5185(m)		0	<1	<1
Molybdenum	ppm	ASTM D5185(m)		72	84	141
Manganese	ppm	ASTM D5185(m)		0	0	0
Magnesium	ppm	ASTM D5185(m)		486	478	466
Calcium	ppm	ASTM D5185(m)		1184	1153	1255
Phosphorus	ppm	ASTM D5185(m)		637	614	636
Zinc	ppm	ASTM D5185(m)		714	723	758
Sulfur	ppm	ASTM D5185(m)		2402	2161	1738
Oxidation	Abs/.1mm	ASTM D7414*	>25	13.2	13.5	8.5
Base Number (BN)	mg KOH/g	ASTM D2896*		5.74	3.70	6.54
Visc @ 40°C	cSt	ASTM D7279(m)	43.0	43.4	44.3	43.2
Visc @ 100°C	cSt	ASTM D7279(m)	7.5	7.9	8.1	8
Viscosity Index (VI)	Scale	ASTM D2270*	141	155	158	159

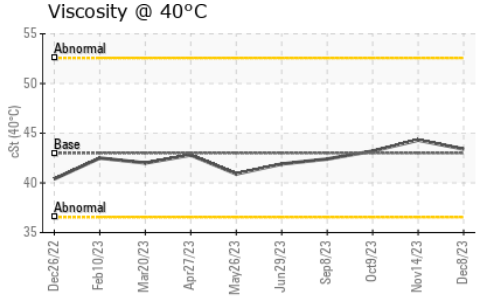
Base Number



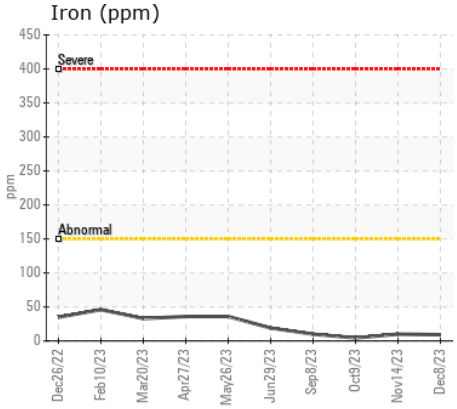
Viscosity @ 100°C



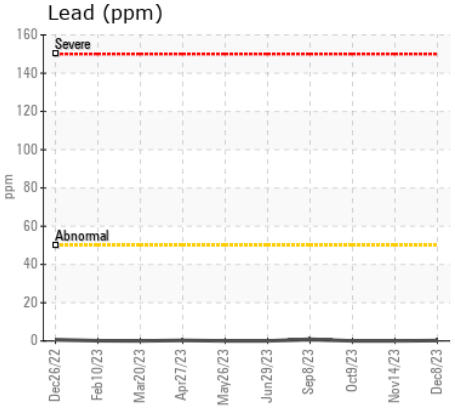
Viscosity @ 40°C



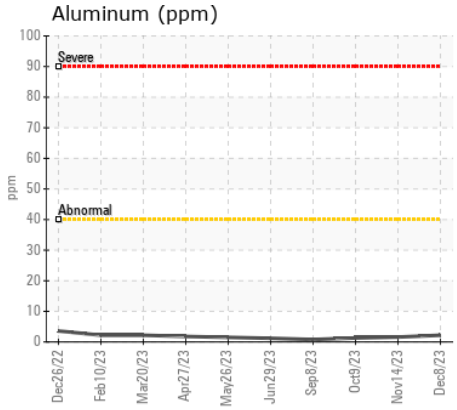
Iron (ppm)



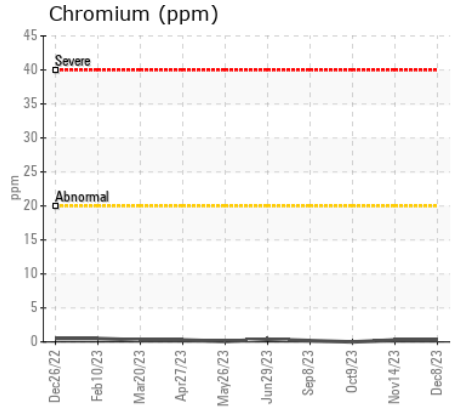
Lead (ppm)



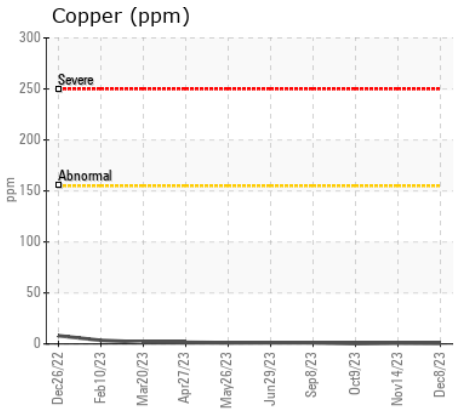
Aluminum (ppm)



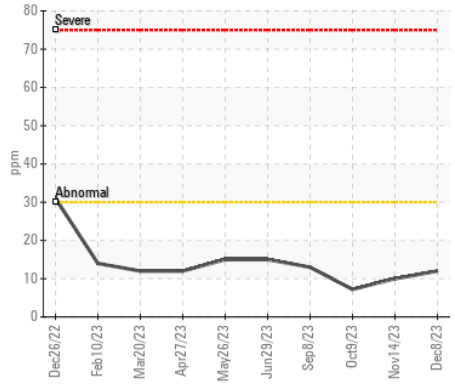
Chromium (ppm)



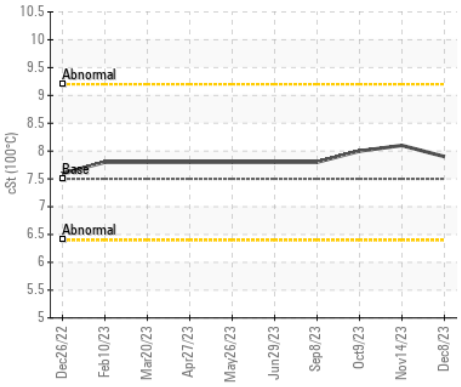
Copper (ppm)



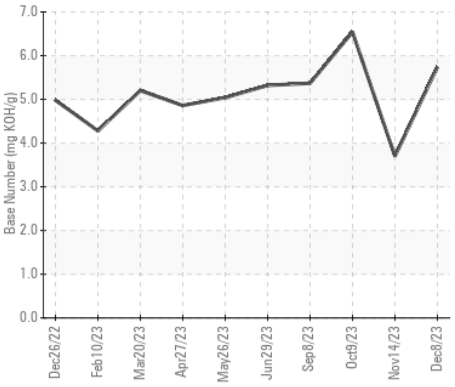
Silicon (ppm)



Viscosity @ 100°C



Base Number



ISO 17025:2017 Accredited Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0079645
Lab Number : 02605519
Unique Number : 5698604
Test Package : MOB 2 (Additional Tests: KV40, VI)

Received : 28 Dec 2023
Tested : 29 Dec 2023
Diagnosed : 29 Dec 2023 - 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.

TRANSDEV ST-JEAN
720 TROTTER
ST-JEAN-SUR-RICHELIEU, QC
CA J3B 8T2
Contact: Eric Breton
eric.breton@transdev.com
T:
F: