



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
PETERBILT 17-JUMT-01-001M 525783N

Component
Diesel Engine

Fluid
MOBIL DELVAC 1300 SUPER15W40 (40 LITRE) ZP-700 ADDITIF MOTEUR - Cas d'étude #05- c / 3 de 5



RECOMMENDATION

Texte & Soulignement en bleu par Adrenalube

Resample at the next service interval to monitor.

Commentaires :

Current : Age du moteur 1,174, 286 km

2 L de ZP-700 sont ajoutés à l'huile à tous les changements d'huile.

NOTE: Ce moteur prenait 8 - 9 litres d'huile entre les changements, maintenant, 4 - 5 litres au plus.

WEAR

All component wear rates are normal.

Copper / le cuivre : continu à baisser.

La fonction nettoyante du ZP-700 favorise l'expulsion des débris d'usure.

CONTAMINATION

There is no indication of any contamination in the oil.

Les taux d'usure sont acceptables.

Les concentrations des métaux d'usure sont acceptables.

L'état de l'huile est acceptable.

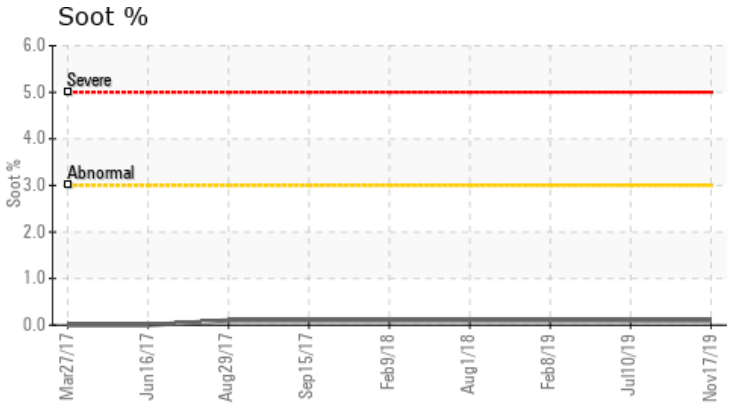
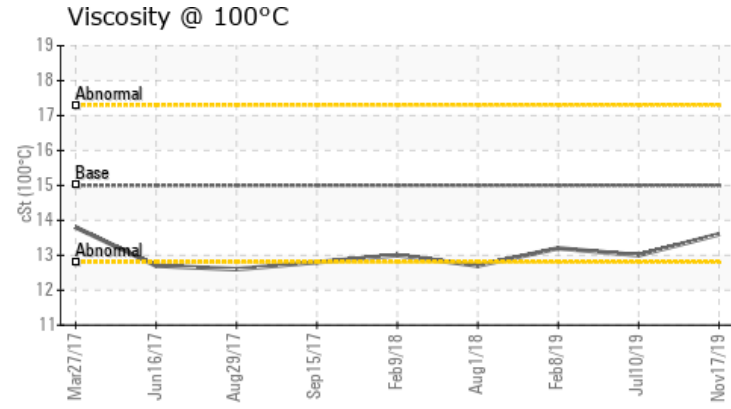
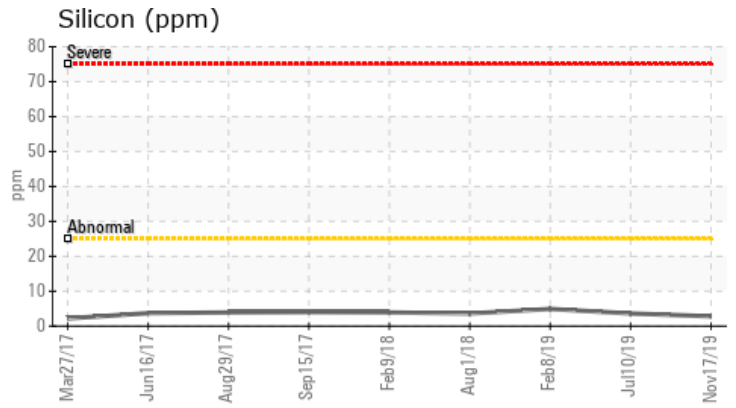
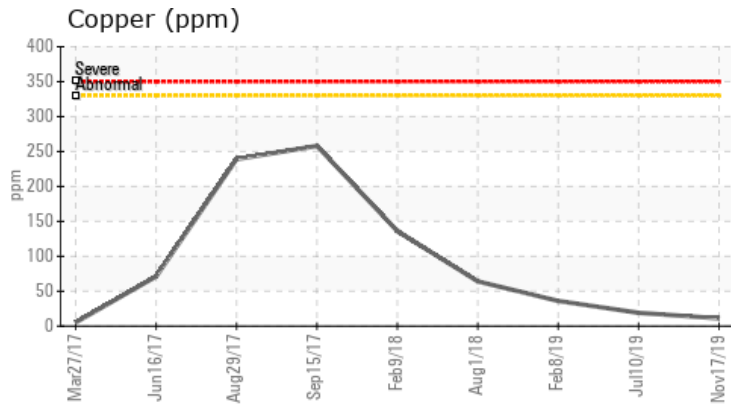
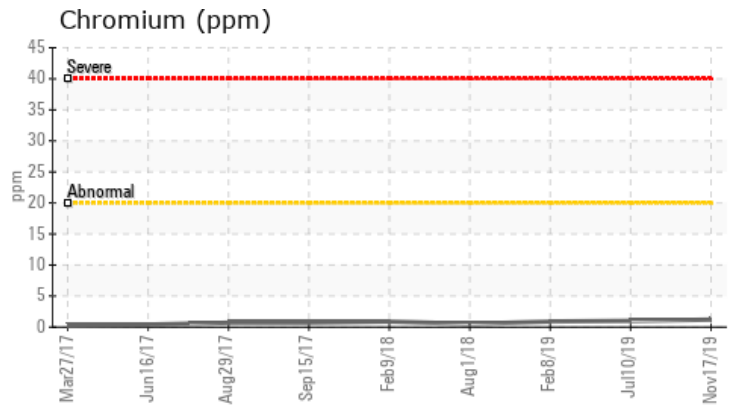
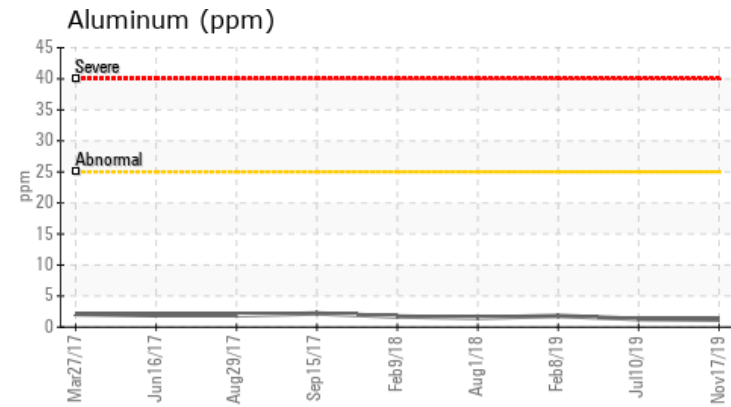
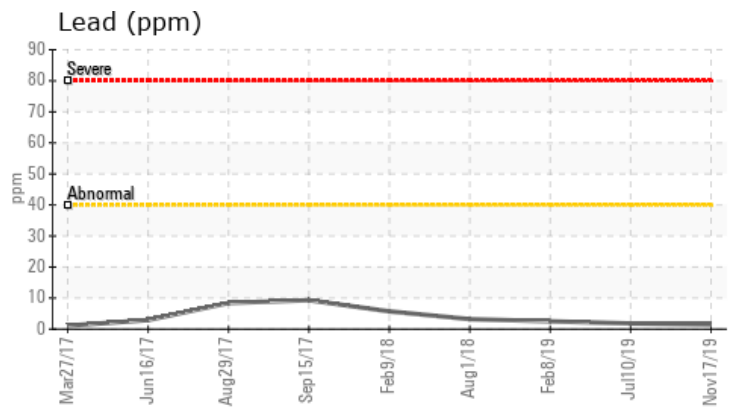
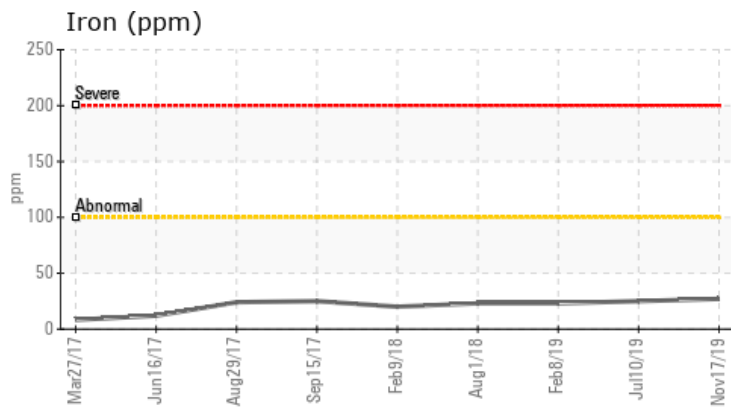
FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Selon l'historique, un intervalle de 50000 km entre les changements d'huile semble acceptable et sécuritaire.

L'huile approche de sa fin de vie utile pour l'oxydation.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number				WC0389223	WC0355046	WC0323754
Sample Date				17 Nov 2019	10 Jul 2019	08 Feb 2019
Machine Age	kms			3348026	3292525	3246096
Oil Age	kms			48524	46429	50689
Filter Age	kms			48524	46429	50689
Oil Changed				Changed	Changed	Changed
Filter Changed				Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL
Iron	ppm	ASTM D5185	>100	27	25	23
Chromium	ppm	ASTM D5185	>20	1	1	<1
Nickel	ppm	ASTM D5185	>2	1	1	3
Titanium	ppm	ASTM D5185	>2	<1	0	<1
Silver	ppm	ASTM D5185	>2	0	0	0
Aluminum	ppm	ASTM D5185	>25	1	1	2
Lead	ppm	ASTM D5185	>40	2	2	2
Copper	ppm	ASTM D5185	>330	11	19	36
Tin	ppm	ASTM D5185	>15	<1	0	<1
Vanadium	ppm	ASTM D5185		<1	0	0
White Metal	scalar	Visual	NONE	VLITE	---	---
Yellow Metal	scalar	Visual	NONE	NONE	---	---
Silicon	ppm	ASTM D5185	>25	3	4	5
Potassium	ppm	ASTM D5185	>20	<1	<1	<1
Fuel		ASTM D3524	>5	<1.0	<1.0	<1.0
Glycol		ASTM D2982		NEG	NEG	NEG
Soot %	%	ASTM D7686	>3	0.1	0.1	0.1
Nitration	Abs/cm	ASTM D7624	>20	10.6	10.3	9.9
Sulfation	Abs/.1mm	ASTM D7415	>30	26.5	25.5	24.5
Silt	scalar	Visual	NONE	NONE	---	---
Debris	scalar	Visual	NONE	NONE	---	---
Sand/Dirt	scalar	Visual	NONE	NONE	---	---
Appearance	scalar	Visual	NORML	NORML	---	---
Odor	scalar	Visual	NORML	NORML	---	---
Emulsified Water	scalar	Visual	>0.2	NEG	NEG	NEG
Sodium	ppm	ASTM D5185		2	3	5
Boron	ppm	ASTM D5185	0	24	28	45
Barium	ppm	ASTM D5185	0	0	0	0
Molybdenum	ppm	ASTM D5185	0	53	62	58
Manganese	ppm	ASTM D5185		<1	<1	<1
Magnesium	ppm	ASTM D5185	0	531	474	441
Calcium	ppm	ASTM D5185		1679	1670	1699
Phosphorus	ppm	ASTM D5185		698	633	732
Zinc	ppm	ASTM D5185		876	836	908
Sulfur	ppm	ASTM D5185		2155	2048	2096
Oxidation	Abs/.1mm	ASTM D7414	>25	22.8	24.1	23.5
Visc @ 100°C	cSt	ASTM D7279	15.0	13.6	13.0	13.2



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0389223 **Received** : 25 Nov 2019
Lab Number : 02322438 **Diagnosed** : 25 Nov 2019
Unique Number : 4965736 **Diagnostician** : Wes Davis
Test Package : MOB 1 (Additional Tests: Visual)

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To discuss diagnosis or test data, contact Technical Support at 1-800-268-2131.
 To change component or sample information, contact Customer Service at 1-800-268-2131.