



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 (ADULT) ZP-700 ADDITIF MOTEUR - Cas d'étude #05- e / 5 de 5



RECOMMENDATION

Texte & Soulignement en bleu par Adrenalube

Resample at the next service interval to monitor. (Customer Sample Comment: Engine use engine oil additive ADRENALUBE ZP-700 - Match history WC 0612827, 0479990)

Commentaires :

Current : Machine age / Age du moteur 1,362, 470 km 2 L de ZP-700 sont ajoutés à l'huile à chaque 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.

Iron / Fe : Débris sur le Fer en 2021 à 1,36M km sont inférieurs à 2017 à 875,000 km.

Copper / le cuivre : est au seuil minimal.

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.

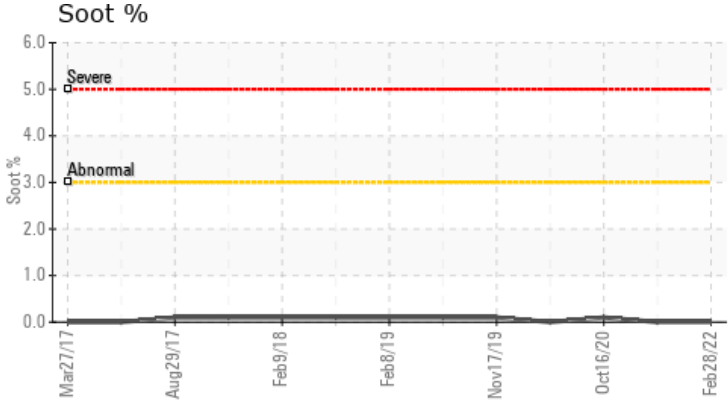
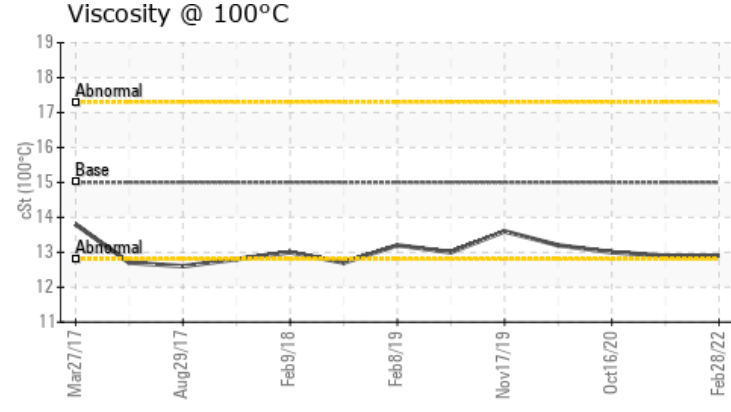
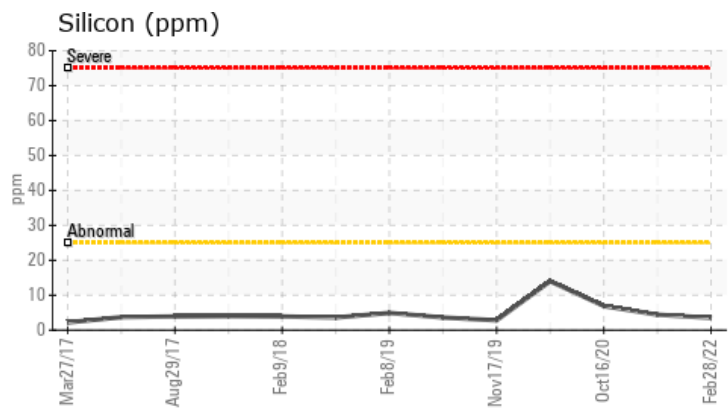
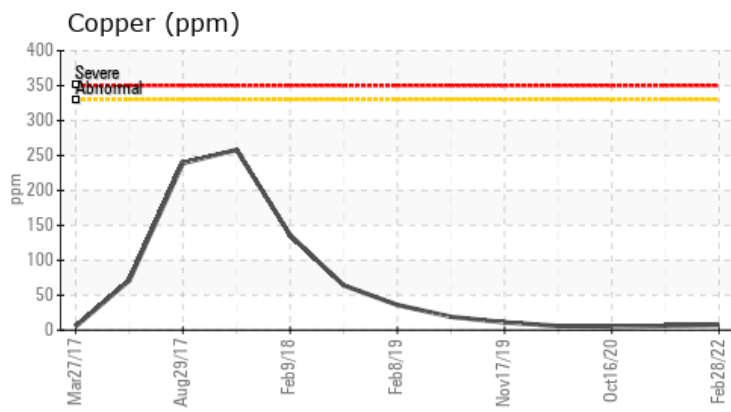
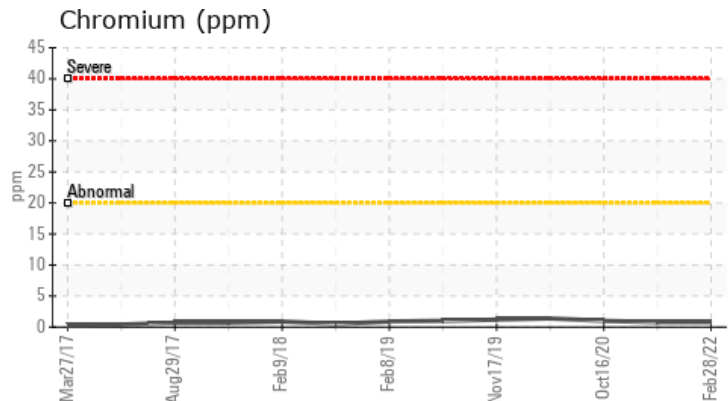
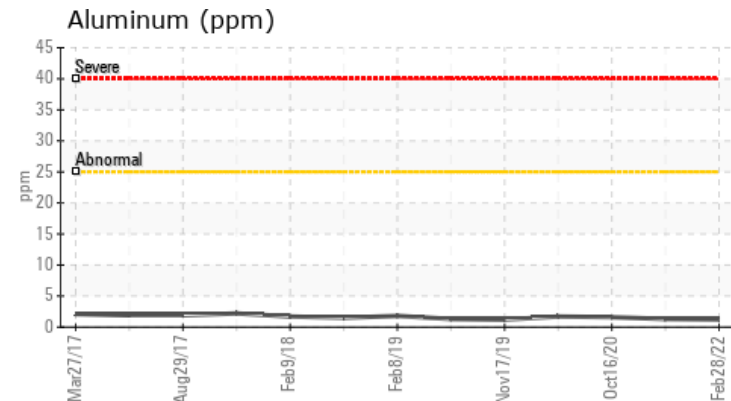
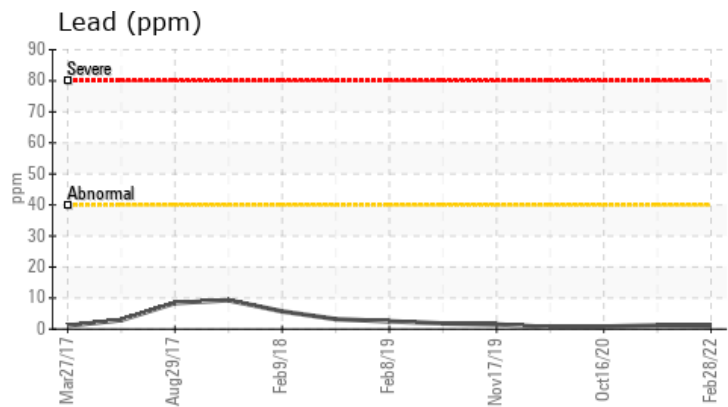
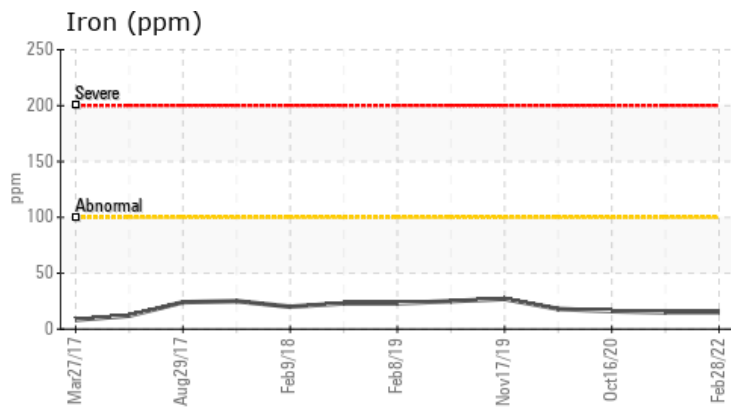
Current : L'huile approche de sa fin de vie utile pour l'oxydation.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number				WC0679773	WC0612827	WC0479990
Sample Date				28 Feb 2022	24 Sep 2021	16 Oct 2020
Machine Age	kms			3586567	3541539	3450138
Oil Age	kms			45028	50500	46438
Filter Age	kms			45028	50500	46438
Oil Changed				Changed	Changed	Changed
Filter Changed				Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL

Iron	ppm	ASTM D5185(m)	>100	15	15	16
Chromium	ppm	ASTM D5185(m)	>20	<1	<1	1
Nickel	ppm	ASTM D5185(m)	>2	<1	<1	<1
Titanium	ppm	ASTM D5185(m)	>2	<1	<1	0
Silver	ppm	ASTM D5185(m)	>2	0	0	0
Aluminum	ppm	ASTM D5185(m)	>25	1	1	2
Lead	ppm	ASTM D5185(m)	>40	<1	1	<1
Copper	ppm	ASTM D5185(m)	>330	7	6	5
Tin	ppm	ASTM D5185(m)	>15	<1	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

Silicon	ppm	ASTM D5185(m)	>25	4	4	7
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	1
Fuel		WC Method	>5	<1.0	<1.0	<1.0
Glycol		WC Method		NEG	NEG	NEG
Soot %	%	ASTM D7686	>3	0	0	0.1
Nitration	Abs/cm	ASTM D7624	>20	9.9	8.9	9.5
Sulfation	Abs/.1mm	ASTM D7415	>30	23.2	23.7	22.5
Emulsified Water	scalar	Visual	>0.2	NEG	NEG	NEG

Sodium	ppm	ASTM D5185(m)		2	3	3
Boron	ppm	ASTM D5185(m)	0	34	27	24
Barium	ppm	ASTM D5185(m)	0	0	0	0
Molybdenum	ppm	ASTM D5185(m)	0	50	54	56
Manganese	ppm	ASTM D5185(m)		<1	<1	<1
Magnesium	ppm	ASTM D5185(m)	0	519	500	493
Calcium	ppm	ASTM D5185(m)		1628	1620	1563
Phosphorus	ppm	ASTM D5185(m)		730	790	701
Zinc	ppm	ASTM D5185(m)		856	870	884
Sulfur	ppm	ASTM D5185(m)		2048	2124	2121
Oxidation	Abs/.1mm	ASTM D7414	>25	22.6	21.9	21.9
Visc @ 100°C	cSt	ASTM D7279(m)	15.0	12.9	12.9	13.0



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0679773 **Received** : 10 Mar 2022
Lab Number : **02476543** **Diagnosed** : 10 Mar 2022
Unique Number : 5369471 **Diagnostician** : Kevin Marson
Test Package : MOB 1
 To discuss this sample report, contact Customer Service at 1-800-268-2131.
 (m) Denotes a modified test method, (e) Denotes a test conducted using an external laboratory.

Adrenalube - 9042628 Canada Inc
 3755 - E Boul Matte
 Brossard, QC
 Canada J4Y 2P4
 Contact: Pierre Beauchamp
 support-tech@adrenalube.com
 T: (514)999-5546
 F: