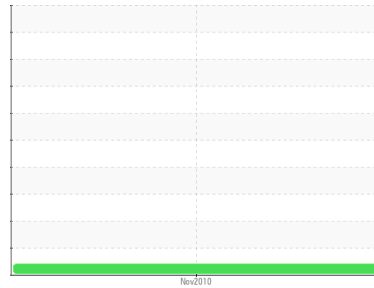




OIL ANALYSIS REPORT

Sample Rating Trend



VISCOSITY



Area
KANSAS/44/EG - TRUCK-ON-HWY-HEAVY DUTY
 Machine Id
06.39 [KANSAS^44^EG - TRUCK-ON-HWY-HEAVY DUTY]
 Component
Transmission
 Fluid
MOBIL DELVAC MX 15W40 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the component.

Fluid Condition

Viscosity of sample indicates oil is within ISO 7 range, advise investigate. The condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	WC15393007	---	---
Sample Date	Client Info	08 Nov 2010	---	---
Machine Age	mls	Client Info	236844	---
Oil Changed	Client Info	Changed	---	---
Sample Status		ABNORMAL	---	---

CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method	NEG	---	---

WEAR METALS

method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185(m)	25	---	---
Chromium	ppm	ASTM D5185(m)	0	---	---
Nickel	ppm	ASTM D5185(m)	0	---	---
Titanium	ppm	ASTM D5185(m)	0	---	---
Silver	ppm	ASTM D5185(m)	0	---	---
Aluminum	ppm	ASTM D5185(m)	2	---	---
Lead	ppm	ASTM D5185(m)	0	---	---
Copper	ppm	ASTM D5185(m)	0	---	---
Tin	ppm	ASTM D5185(m)	0	---	---
Vanadium	ppm	ASTM D5185(m)	0	---	---
Cadmium	ppm	ASTM D5185(m)	0	---	---

ADDITIVES

method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185(m)	118	---	---
Barium	ppm	ASTM D5185(m)	1	---	---
Molybdenum	ppm	ASTM D5185(m)	1	---	---
Magnesium	ppm	ASTM D5185(m)	1	---	---
Calcium	ppm	ASTM D5185(m)	45	---	---
Phosphorus	ppm	ASTM D5185(m)	278	---	---
Zinc	ppm	ASTM D5185(m)	14	---	---

CONTAMINANTS

method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185(m)	20	---	---
Sodium	ppm	ASTM D5185(m)	18	---	---
Potassium	ppm	ASTM D5185(m)	1	---	---

FLUID DEGRADATION

method	limit/base	current	history1	history2	
Oxidation	Abs./1mm	ASTM D7414*	0	---	---

FLUID PROPERTIES

method	limit/base	current	history1	history2	
Visc @ 100°C	cSt	ASTM D7279(m)	▲ 19.6	---	---

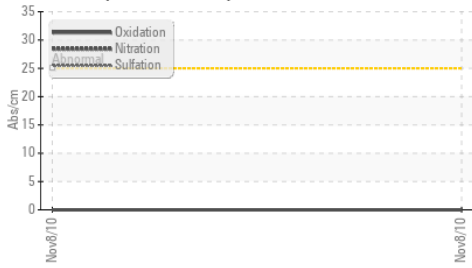
SAMPLE IMAGES

method	limit/base	current	history1	history2	
Color			no image	no image	no image
Bottom			no image	no image	no image

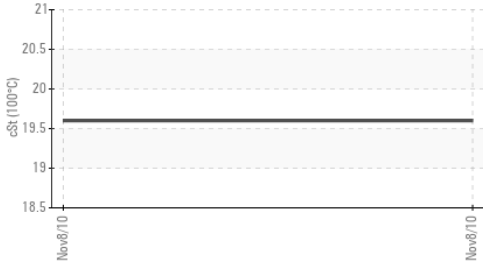


OIL ANALYSIS REPORT

FT-IR (Direct Trend)

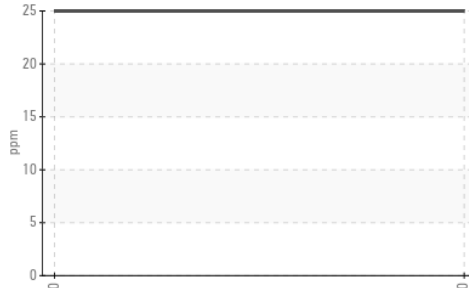


Viscosity @ 100°C

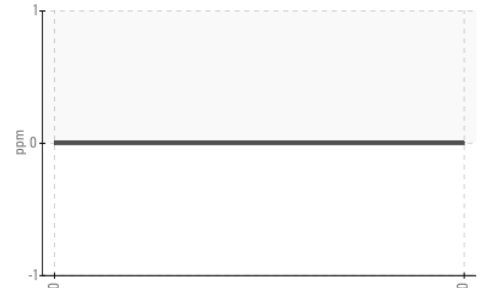


GRAPHS

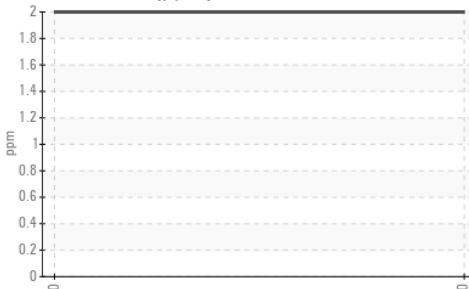
Iron (ppm)



Lead (ppm)



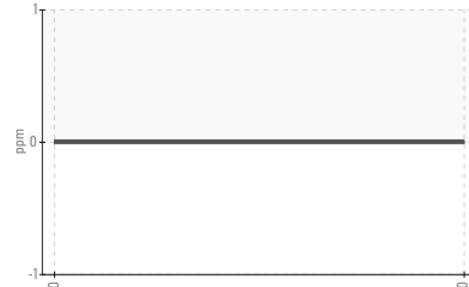
Aluminum (ppm)



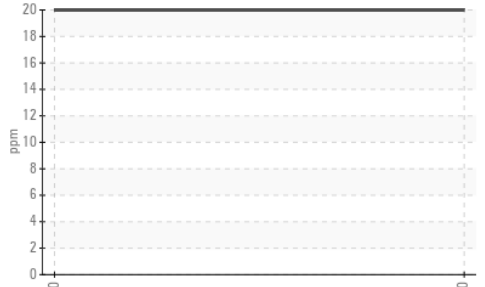
Chromium (ppm)



Copper (ppm)



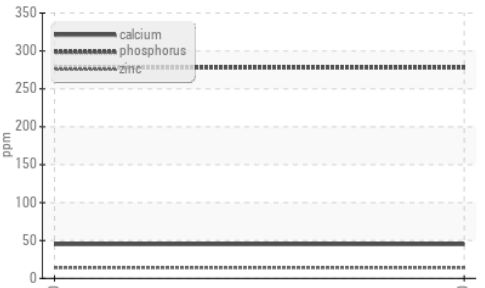
Silicon (ppm)



Viscosity @ 40°C



Additives



Laboratory : WearCheck -
 Sample No. : WC15393007
 Lab Number : 15393007
 Unique Number : 9420093
 Test Package : MOB 1 (Additional Tests: FT-IR, ICP, KV100)

Received : 11 Nov 2010
 Tested : 13 Nov 2010
 Diagnosed : 11 Jun 2014 - 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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