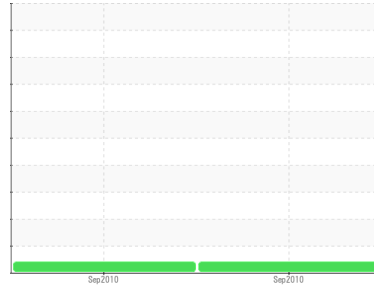




OIL ANALYSIS REPORT

Sample Rating Trend



VISCOSITY



Area
KANSAS/44/EG - TRUCK-ON-HWY-HEAVY DUTY
 Machine Id
07.05W [KANSAS^44^EG - TRUCK-ON-HWY-HEAVY DUTY]
 Component
Differential
 Fluid
MOBIL MOBILUBE SHC 80W140 (--- 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 SAE 90 range, advise investigate. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	WC56375067	WC56375066	---
Sample Date	Client Info	09 Sep 2010	09 Sep 2010	---
Machine Age	hrs Client Info	8743	8743	---
Oil Changed	Client Info	Changed	Changed	---
Sample Status		ABNORMAL	ABNORMAL	---

CONTAMINATION

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

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185(m)	35	35	---
Chromium	ppm ASTM D5185(m)	0	0	---
Nickel	ppm ASTM D5185(m)	0	0	---
Titanium	ppm ASTM D5185(m)	0	0	---
Silver	ppm ASTM D5185(m)	0	0	---
Aluminum	ppm ASTM D5185(m)	0	2	---
Lead	ppm ASTM D5185(m)	0	0	---
Copper	ppm ASTM D5185(m)	0	1	---
Tin	ppm ASTM D5185(m)	0	0	---
Vanadium	ppm ASTM D5185(m)	0	0	---
Cadmium	ppm ASTM D5185(m)	0	0	---

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185(m)	48	53	---
Barium	ppm ASTM D5185(m)	0	0	---
Molybdenum	ppm ASTM D5185(m)	0	0	---
Magnesium	ppm ASTM D5185(m)	8	8	---
Calcium	ppm ASTM D5185(m)	57	65	---
Phosphorus	ppm ASTM D5185(m)	811	807	---
Zinc	ppm ASTM D5185(m)	38	42	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m)	3	11	---
Sodium	ppm ASTM D5185(m)	1	0	---
Potassium	ppm ASTM D5185(m)	1	1	---

FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g ASTM D974*	2.5	2.48	---

FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 100°C	cSt ASTM D7279(m)	▲ 14	▲ 13.9	---

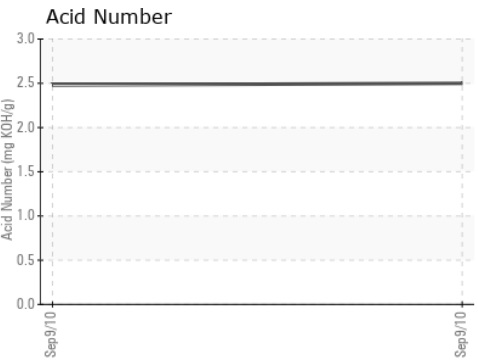
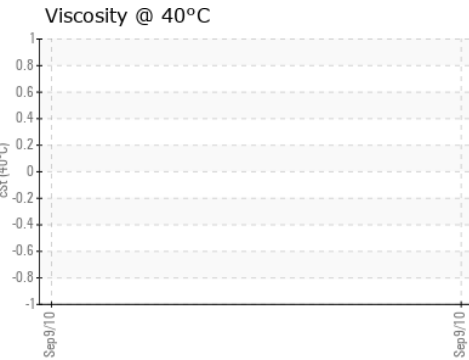
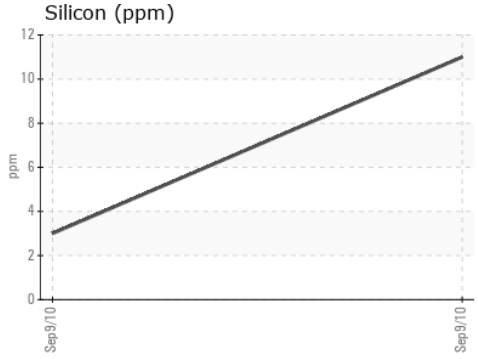
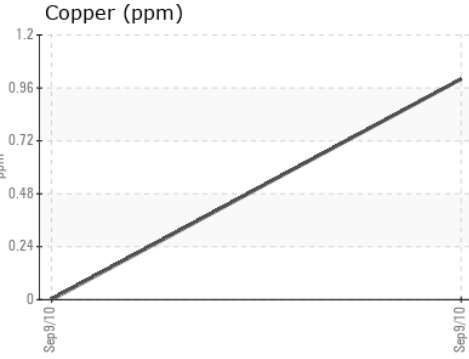
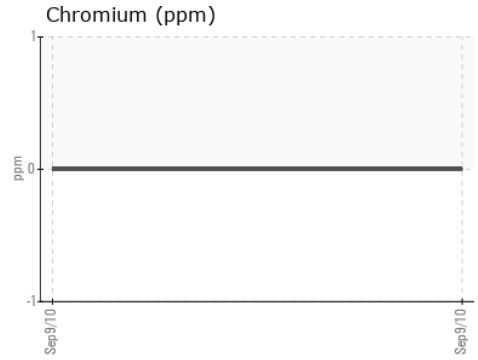
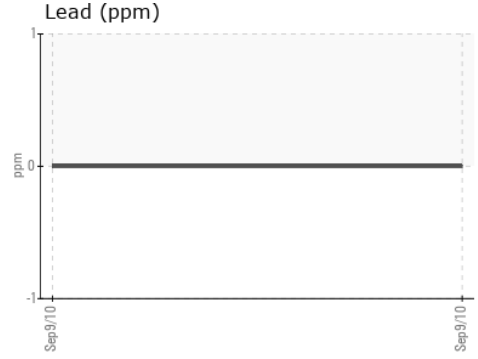
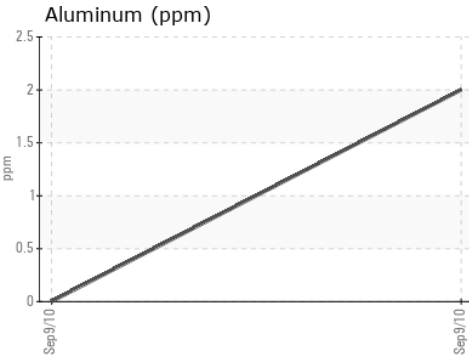
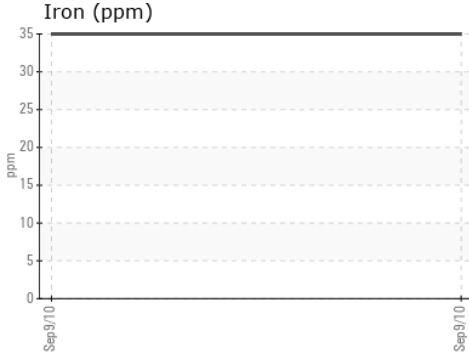
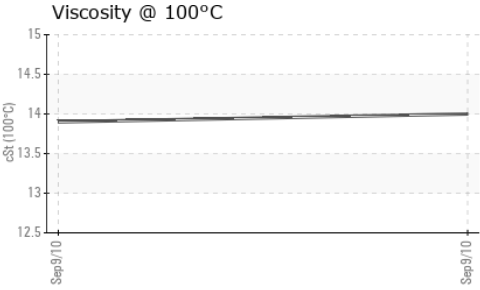
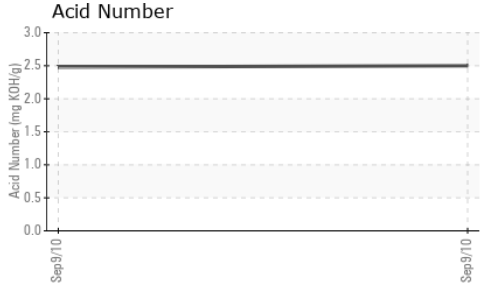
SAMPLE IMAGES

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



OIL ANALYSIS REPORT

GRAPHS



Laboratory : WearCheck -
 Sample No. : WC56375067
 Lab Number : 56375067
 Unique Number : 9419752
 Test Package : MOB 1 (Additional Tests: ICP, KV100, TAN Auto)

Received : 13 Sep 2010
 Tested : 16 Sep 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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