MOB II ROYAL PURPLE PERFORMANCE UNDER PRESSURE

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
CHEVROLET TROPPER VK-T
Component
Front Gasoline Engine
Fluid
FRAM AMERICAN ARAL 200050 (6 QTS)

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

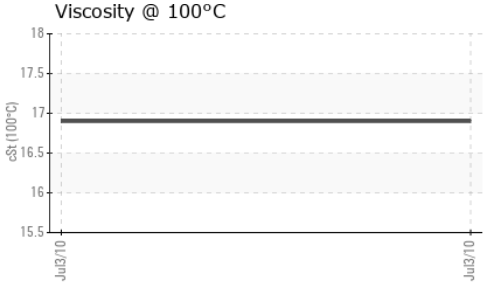
The condition of oil is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		RP76250	---	---
Sample Date		Client Info		03 Jul 2010	---	---
Machine Age	kms	Client Info		232057	---	---
Oil Age	kms	Client Info		8398	---	---
Filter Age	kms	Client Info		8398	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		Changed	---	---
Sample Status				NORMAL	---	---
Iron	ppm	ASTM D5185m		16	---	---
Chromium	ppm	ASTM D5185m		<1	---	---
Nickel	ppm	ASTM D5185m		0	---	---
Titanium	ppm	ASTM D5185m		<1	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m		5	---	---
Lead	ppm	ASTM D5185m		4	---	---
Copper	ppm	ASTM D5185m		5	---	---
Tin	ppm	ASTM D5185m		0	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Silicon	ppm	ASTM D5185m		8	---	---
Potassium	ppm	ASTM D5185m		0	---	---
Fuel		WC Method		<1.0	---	---
Water		WC Method		NEG	---	---
Glycol		WC Method		NEG	---	---
Soot %	%	*ASTM D7844		0	---	---
Nitration	Abs/cm	*ASTM D7624		10.	---	---
Sulfation	Abs/.1mm	*ASTM D7415		27.	---	---
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		NEG	---	---
Sodium	ppm	ASTM D5185m		2	---	---
Boron	ppm	ASTM D5185m		1	---	---
Barium	ppm	ASTM D5185m		1	---	---
Molybdenum	ppm	ASTM D5185m		4	---	---
Manganese	ppm	ASTM D5185m		35	---	---
Magnesium	ppm	ASTM D5185m		40	---	---
Calcium	ppm	ASTM D5185m		2532	---	---
Phosphorus	ppm	ASTM D5185m		933	---	---
Zinc	ppm	ASTM D5185m		1138	---	---
Oxidation	Abs/.1mm	*ASTM D7414		16.	---	---
Base Number (BN)	mg KOH/g	ASTM D2896		5.29	---	---
Visc @ 100°C	cSt	ASTM D445		16.9	---	---

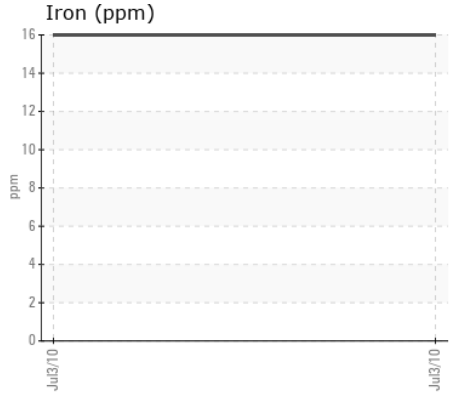
Acid Number

Base Number

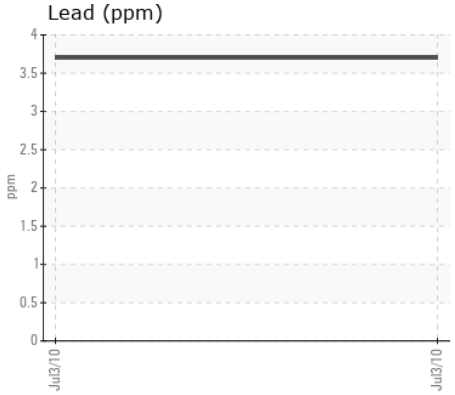
Viscosity @ 100°C



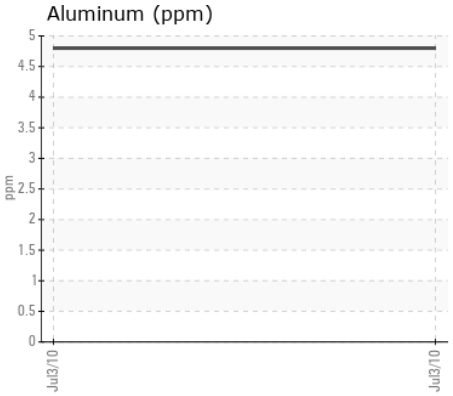
Iron (ppm)



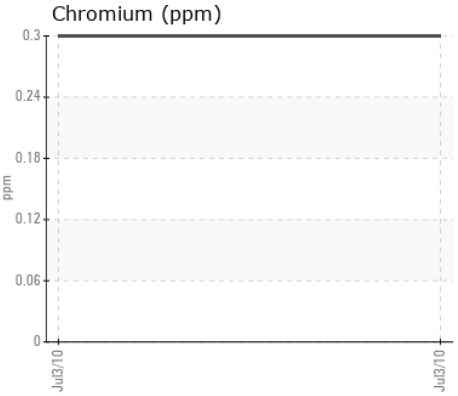
Lead (ppm)



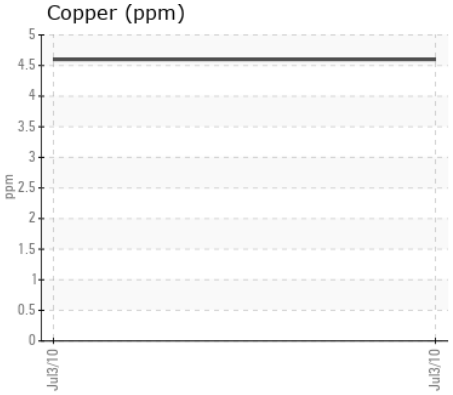
Aluminum (ppm)



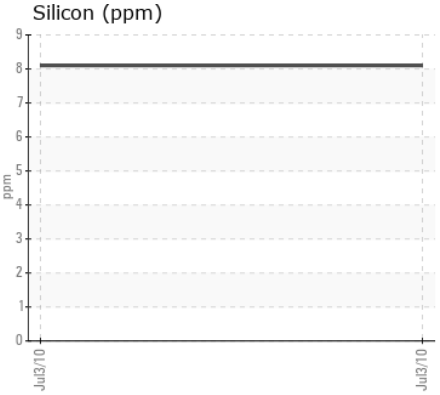
Chromium (ppm)



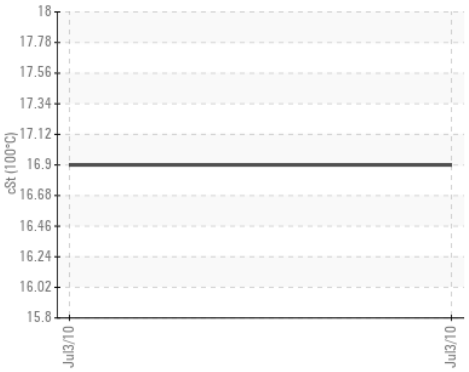
Copper (ppm)



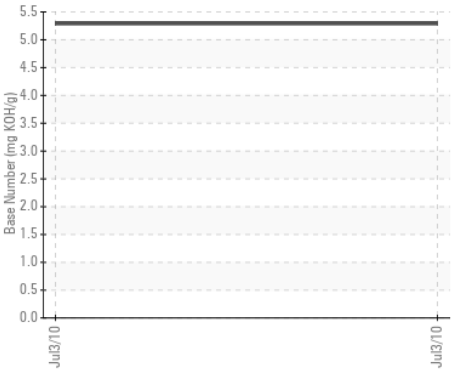
Silicon (ppm)



Viscosity @ 100°C



Base Number



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : RP76250
Lab Number : 02673831
Unique Number : 5268835
Test Package : MOB 2 (Additional Tests: TBN)
Received : 21 Jul 2010
Tested : 22 Jul 2010
Diagnosed : 22 Jul 2010 - Jonathan Hester

VADYM KALASHNIKOV
AV. 6 DE DIDEMBER / PLAZA ARGENTINA
QITO-ECUADOR,
Contact: VADYM KALASHNIKOV
T:
F:

Certificate L2367

To discuss this sample report, contact Customer Service at 1-800-237-1369.
** - Denotes test methods that are outside of the ISO 17025 scope of accreditation.*
Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)