



TRAAP

Texas Refinery Advanced Analysis Program

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Machine Id
OKAMATO 8-20

Component
Hydraulic System

Fluid
TRC HYDRAULIC OIL ISO 32- SAE10W (8 GAL)

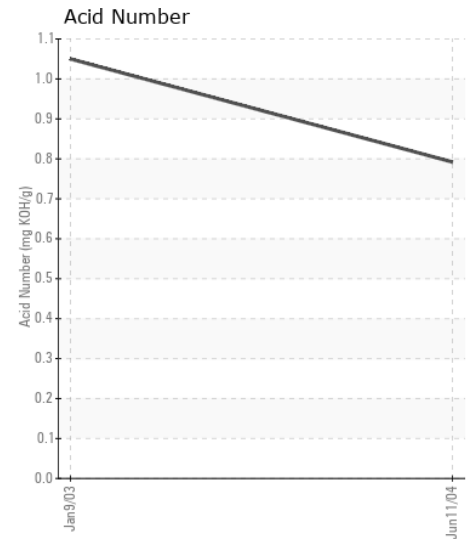
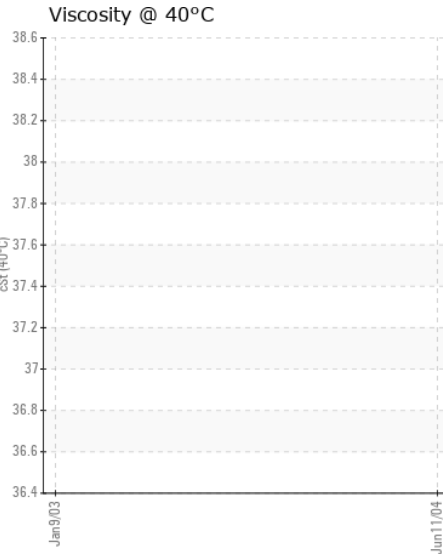
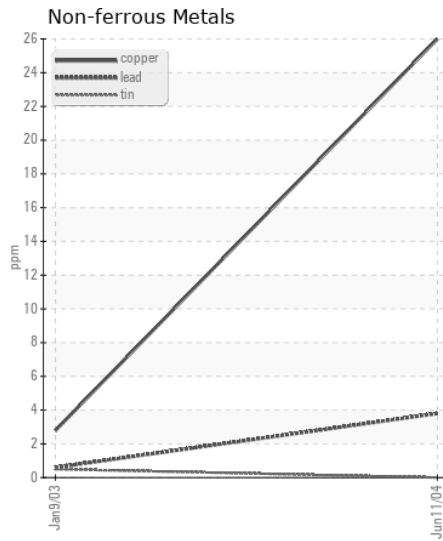
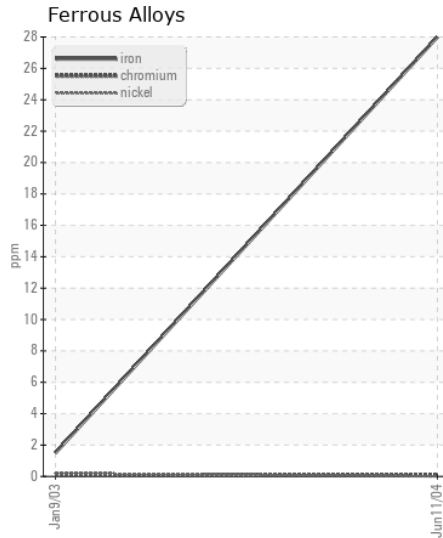
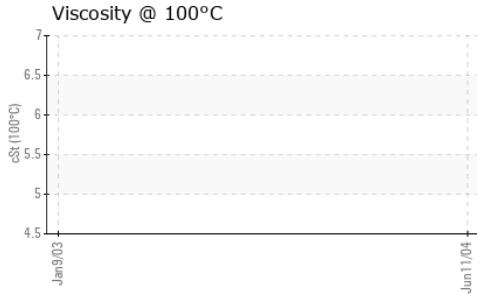
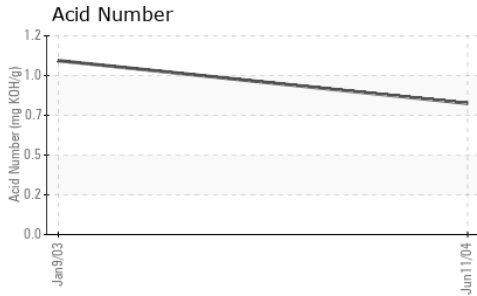
RECOMMENDATION

We were unable to perform a particle count due to a high concentration of particles present in this sample. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		TR00866705	TR00410559	---
Sample Date		Client Info		11 Jun 2004	09 Jan 2003	---
Machine Age	hrs	Client Info		0	0	---
Oil Age	hrs	Client Info		0	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	Not Changd	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				ABNORMAL	ABNORMAL	---
Water		WC Method		NEG	NEG	---

WEAR

All component wear rates are normal.



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : TR00866705 **Received** : 16 Jun 2004
Lab Number : 00866705 **Tested** : 18 Jun 2004
Unique Number : 2245500 **Diagnosed** : 18 Jun 2004 - Doug Bogart
Test Package : MOB 2

BOSCH BRAKING
 3737 RED ARROW HWY
 ST. JOSEPH, MI
 US 49085
 Contact: BOB MCCALL
 stephen.hastings@us.bosch.com

To discuss this sample report, contact Customer Service at 1-800-827-0711.

* - 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)

T:
F: