

# [[AFTER]] T-47 BLADE 1 - GREASE

**Sample No:** WCI2233670

**Oil Type:** MOBIL MOBILGEAR SHC 460

## SAMPLE INFORMATION

Sample Number	<b>WCI2233670</b>	WCI2233664	WCI2232722	---
Sample Date	<b>11 Nov 2014</b>	11 Nov 2014	04 Oct 2013	---
Machine Hours	<b>381861</b>	381861	31986	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>N/A</b>	N/A	N/A	---
Sample Status	<b>ABNORMAL</b>	ABNORMAL	SEVERE	---

**DIAMOND WTG - GULF WIND SITE - MPS GW**  
 PO BOX 260  
 SARITA, TX  
 US 78385  
 Contact: SERVICE MANAGER

T:  
 F: (361)216-5332

## OIL CONDITION

Acid Number (AN) mg KOH/g	<b>0.321</b>	0.551	1.23	---
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## CONTAMINATION

Water %	<b>0.255</b>	0.175	0.453	---
Silicon ppm	<b>106</b>	113	88	---
Sodium ppm	<b>16</b>	18	9	---
Potassium ppm	<b>0</b>	0	12	---

## Diagnosis

We recommend that you drain and flush the grease from the component if this has not already been done. We recommend an early resample to monitor this condition. The iron level is abnormal. There is no indication of any contamination in the component. The AN level is acceptable for this fluid.

## WEAR METALS

PQ	<b>21675</b>	21749	20791	---
Iron ppm	<b>46107</b>	49422	32708	---
Copper ppm	<b>54</b>	67	40	---
Lead ppm	<b>16</b>	20	71	---
Tin ppm	<b>0</b>	0	0	---
Aluminum ppm	<b>24</b>	22	34	---
Chromium ppm	<b>67</b>	69	64	---
Molybdenum ppm	<b>22</b>	20	20	---
Nickel ppm	<b>30</b>	32	17	---
Titanium ppm	<b>22</b>	22	14	---
Silver ppm	<b>0</b>	0	2	---
Manganese ppm	<b>492</b>	536	397	---
Vanadium ppm	<b>4</b>	5	6	---

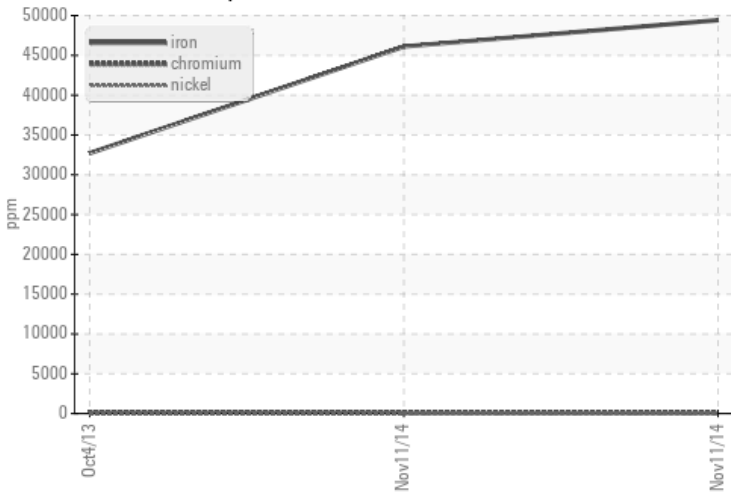
## ADDITIVES

Calcium ppm	<b>0</b>	0	1	---
Magnesium ppm	<b>0</b>	3	30	---
Zinc ppm	<b>51</b>	47	46	---
Phosphorus ppm	<b>480</b>	149	55	---
Barium ppm	<b>&lt;1</b>	15	26	---
Boron ppm	<b>6</b>	6	9	---

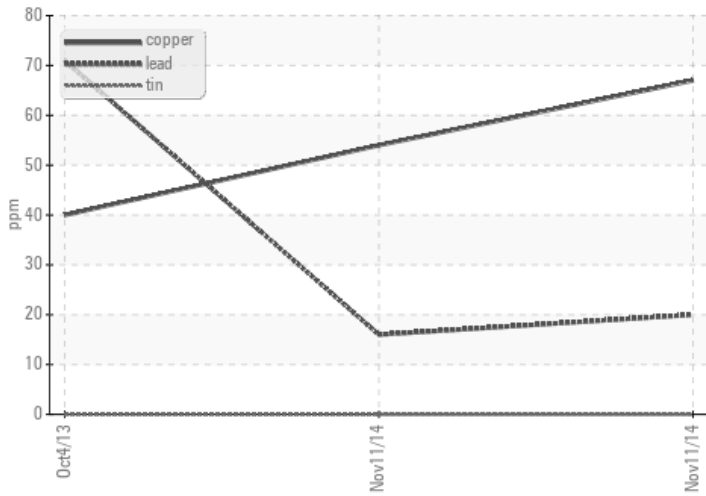
**Depot:** MITSAR  
**Unique No:** 6811675  
**Signed:** Jonathan Hester  
**Report Date:** 13 Nov 2014

# GRAPHS

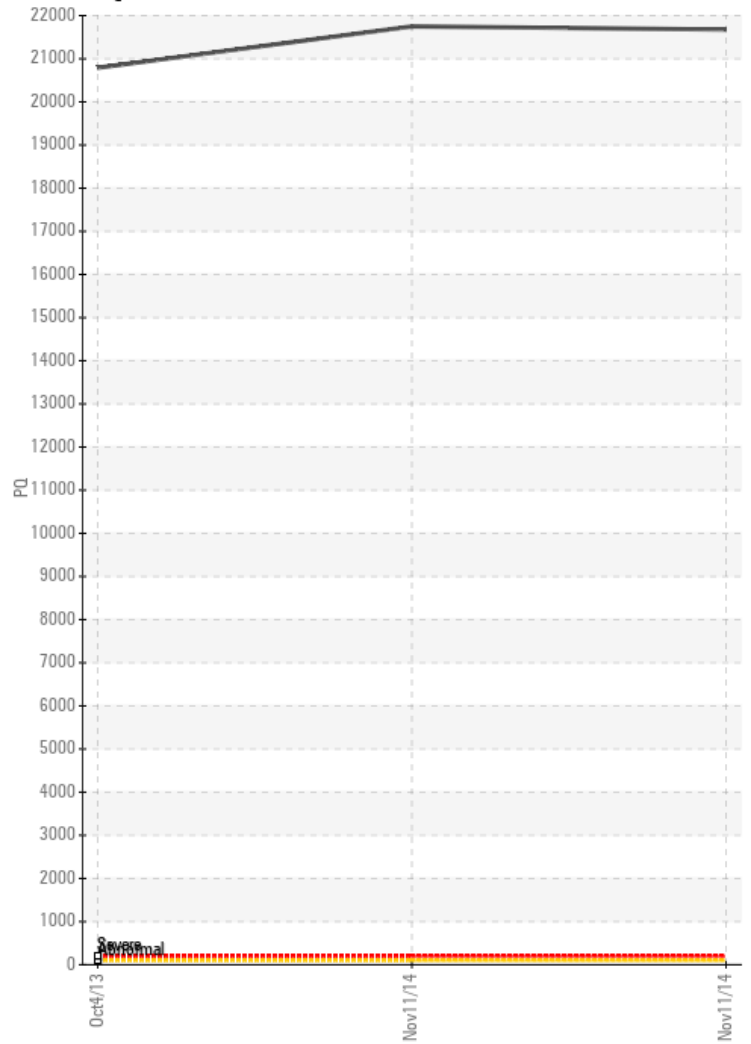
## ▲ Ferrous Alloys



## Non-ferrous Metals



## PQ



## Water

