

KIOTI CK3510SEHC VHH300077 - DIESEL ENGINE

Sample No: KT0000739

Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORMATION

Sample Number	KT0000739	---	---	---
Sample Date	05 Apr 2024	---	---	---
Machine Hours	685	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

RIVERAS MACHINERY
 800 W EXP 83
 DONNA, TX
 US 78537
 Contact: Service Manager

T: (956)464-7867
 F:

OIL CONDITION

Visc @ 100°C	cSt	13.1	---	---	---
Base Number (BN)	mg KOH/g	8.4	---	---	---
Oxidation (PA)	%	58	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	0.1	---	---	---
Nitration (PA)	%	48	---	---	---
Sulfation (PA)	%	52	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	18	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	2	---	---	---

WEAR METALS

Iron	ppm	140	---	---	---
Copper	ppm	7	---	---	---
Lead	ppm	2	---	---	---
Tin	ppm	6	---	---	---
Aluminum	ppm	33	---	---	---
Chromium	ppm	1	---	---	---
Molybdenum	ppm	35	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

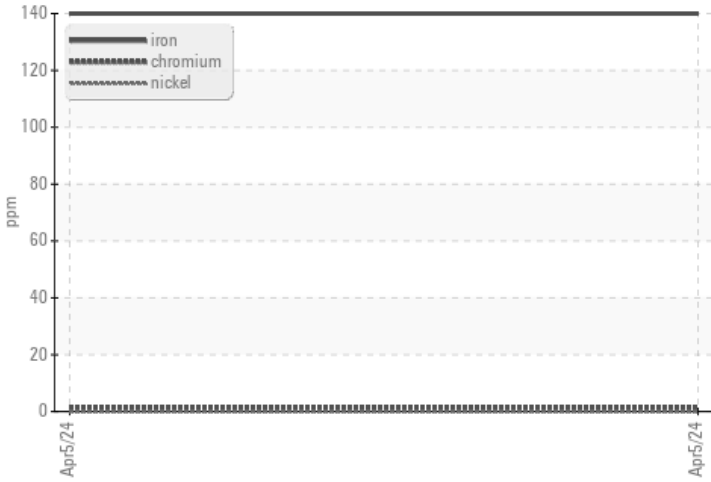
Calcium	ppm	1498	---	---	---
Magnesium	ppm	595	---	---	---
Zinc	ppm	942	---	---	---
Phosphorus	ppm	820	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	49	3:47:21 Rev: 1	---	---

Depot: RIVDON
Unique No: 10983796
Signed: Jonathan Hester
Report Date: 23 Apr 2024

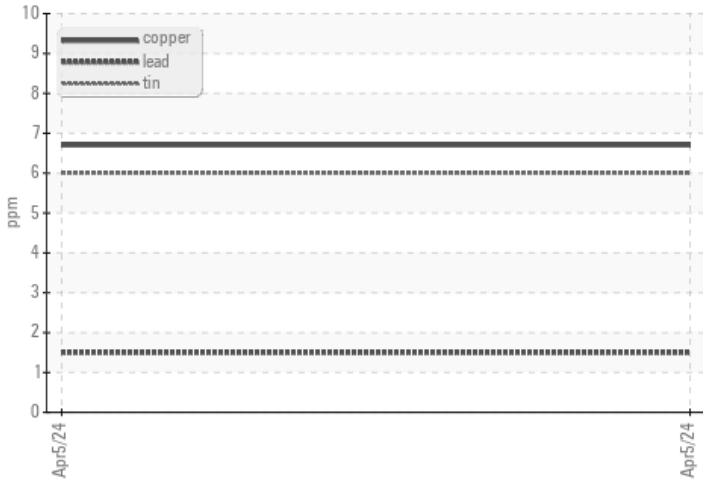
Contact/Location: Service Manager - RIVDON

GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 100°C



Base Number

