SW1013505 THRONDORED JCB 506C 1184387 - DIESEL ENGINE

Sample No:VCP406913Oil Type:DIESEL ENGINE OIL SAE 15W40

Tin

Aluminum

Chromium

Nickel

Silver

Titanium

Manganese

Vanadium

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

Molybdenum

VOLVO

Job No: SW1013505 THRONDORED

SAMPLE I	NFORMATION			
Sample Number	-	VCP406913	VCP342563	
Sample Date		23 Jun 2023	03 Dec 2021	
Machine Hours		0	0	
Oil Hours		0	0	
Oil Changed		Changed	Changed	
Sample Status		NORMAL	NORMAL	
OIL CONDI	TION			
Visc @ 100°C	cSt	13.4	14.0	
Base Number (BN)	mg KOH/g	10.4	8.8	
Oxidation (PA)	%	83	80	
CONTAMI	NATION			
Soot %	%	0.3	0.3	
Nitration (PA)	%	58	71	
Sulfation (PA)	%	63	61	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	< 1.0	
Silicon	ppm	8	14	
Sodium	ppm	2	3	
Potassium	ppm	1	□ <1	
WEAR ME	TALS			
Iron	ppm	7	13	
Copper	ppm	□ <1	1	
Lead	ppm	0	<1	

<1

■2 ■<1

40

0

< 1

0

< 1

0

1722

538

889

763

0

52

ARNOLD MACHINERY COMPANY

4323 EAST WINSLOW AVENUE PHOENIX, AZ US 85040 Contact: RANDY PRZEKURAT randyp@arnoldmachinery.com T: F: (602)414-1904

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.

Report Id: VOLVO6174 [WUSCAR] 05887622 (Generated: 07/02/2023 10:28:34) Rev: 1

0

|| < 1

<1

44

0

■<1

0

|| <1

0

1746

546

🔳 1191

957

14

63

ppm

ADDITIVES

Contact/Location: RANDY PRZEKURAT - VOLVO6174

VOLVO6174

10538105

Wes Davis

02 Jul 2023

Depot:

Signed:

Unique No:

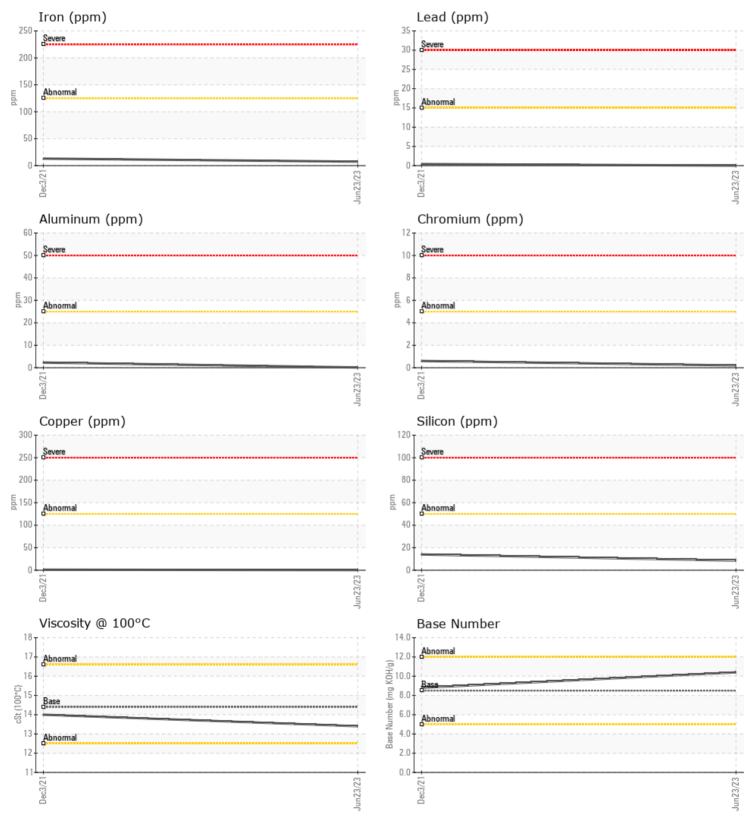
Report Date:

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO6174 [WUSCAR] 05887622 (Generated: 07/02/2023 10:28:37) Rev: 1

Contact/Location: RANDY PRZEKURAT - VOLVO6174