CONSTRUCTION EQUIPMENT SPM567740 TAKEUCHI TK12R2 412102339 - DIESEL ENGINE

Sample No: VCP409260 **Oil Type: DIESEL ENGINE OIL SAE 15W40** Job No: SPM567740

SAMPLE INFORMATION

VOLVO

Sample Number	-	VCP409260	VCP289846	
Sample Date		30 Jun 2023	03 Mar 2021	
Machine Hours		1072	0	
Oil Hours		0	0	
Oil Changed		Changed	Changed	
Sample Status		NORMAL	NORMAL	
OIL CONDI	TION			
Visc @ 100°C	cSt	14.0	13.4	
Base Number (BN)	mg KOH/g	8.5		
Oxidation (PA)	%	86	61	
CONTAMIN	NATION			
Soot %	%	∎1.1	0.4	
Nitration (PA)	%	108	63	
Sulfation (PA)	%	66	54	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	< 1.0	
Silicon	ppm	10	7	
Sodium	ppm	3	0	

JOHN KENO & CO

750 RICARD LN ELK GROVE VILLAGE, IL US 60007 Contact: LUKAS DECKER ldecker@johnkeno.com T: (847)340-2432 F:

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.

Potassium

ppm

6

VOLVO				
WEAR I	METALS			
Iron	ppm	66	15	
Copper	ppm	61	2	
Lead	ppm	0	0	
Tin	ppm		<1	
Aluminum	ppm	4	0	
Chromium	ppm	1	<1	
Molybdenum	ppm	68	60	
Nickel	ppm	0	0	
Titanium	ppm	0	 <1	
Silver	ppm	0	<1	
Manganese	ppm	2	< 1	
Vanadium	ppm	0	0	

ZEVITIDA VIII							
Calcium	ppm	1229	1260				
Magnesium	ppm	1012	824				
Zinc	ppm	1435	1164				
Phosphorus	ppm	1081	1048				
Barium	ppm	0	0				
Boron	ppm	1 3	25				

Depot: JOHELK Unique No: 10548407 Signed: Wes Davis Report Date: 10 Jul 2023

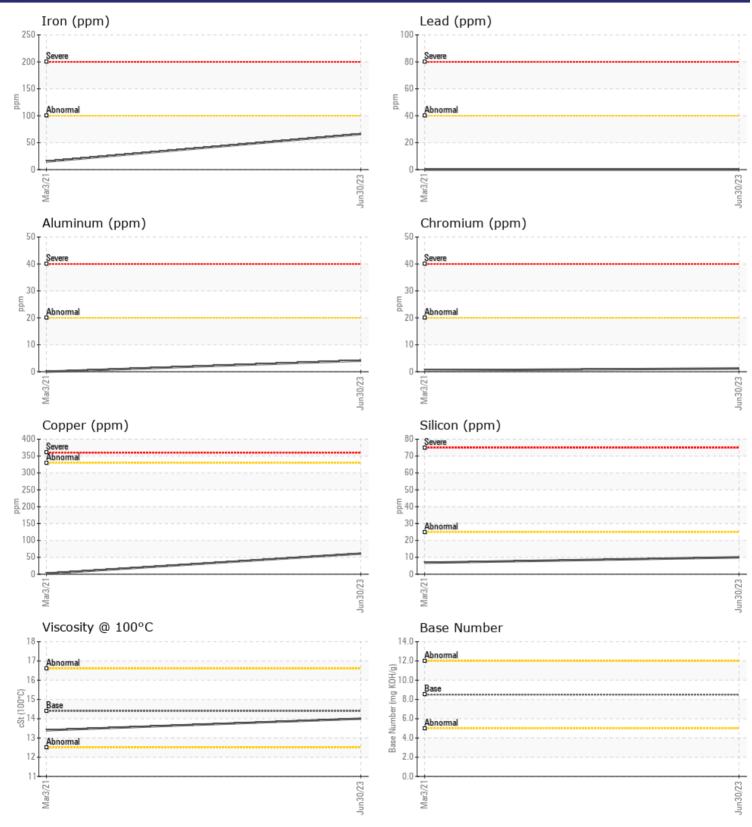
Contact/Location: LUKAS DECKER - JOHELK

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/Location: LUKAS DECKER - JOHELK