CONSTRUCTION EQUIPMENT SPM567738 KOMATSU PC490 A42178 - DIESEL ENGINE

Sample No:VCP409242Oil Type:DIESEL ENGINE OIL SAE 15W40Job No:SPM567738

VOLVO

	NFORMATION			
Sample Number	-	VCP409242	 	
Sample Date		30 Jun 2023	 	
Machine Hours		0	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDI			 	
Visc @ 100°C	cSt	12.5	 	
Base Number (BN)	5,5	8.5	 	
Oxidation (PA)	%	66	 	
VOLVO				
CONTAMII	NATION			
Soot %	%	0.7	 	
Nitration (PA)	%	87	 	
Sulfation (PA)	%	59	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	7	 	
Sodium	ppm	1	 	
Potassium	ppm	1	 	
WEAR ME	τλις			
Iron	ppm	47	 	
Connor	0000	= 6		

WEAR METALS						
Iron	ppm	47				
Copper	ppm	6				
Lead	ppm	2				
Tin	ppm	2				
Aluminum	ppm	4				
Chromium	ppm	1				
Molybdenum	ppm	34				
Nickel	ppm	0				
Titanium	ppm	4				
Silver	ppm	0				
Manganese	ppm	1				

Vanadium

ppm

ADDITIVES							
ppm	3123						
ppm	230						
ppm	1325						
ppm	1053						
ppm	0						
ppm	30						
	ppm ppm ppm ppm	ppm 230 ppm 1325 ppm 1053 ppm 0	ppm 230 ppm 1325 ppm 1053 ppm 0	ppm 230 ppm 1325 ppm 1053 ppm 0			

 Depot:
 JOHELK

 Unique No:
 10548408

 Signed:
 Wes Davis

 Report Date:
 10 Jul 2023

750 RICARD LN

JOHN KENO & CO

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

Diagnosis

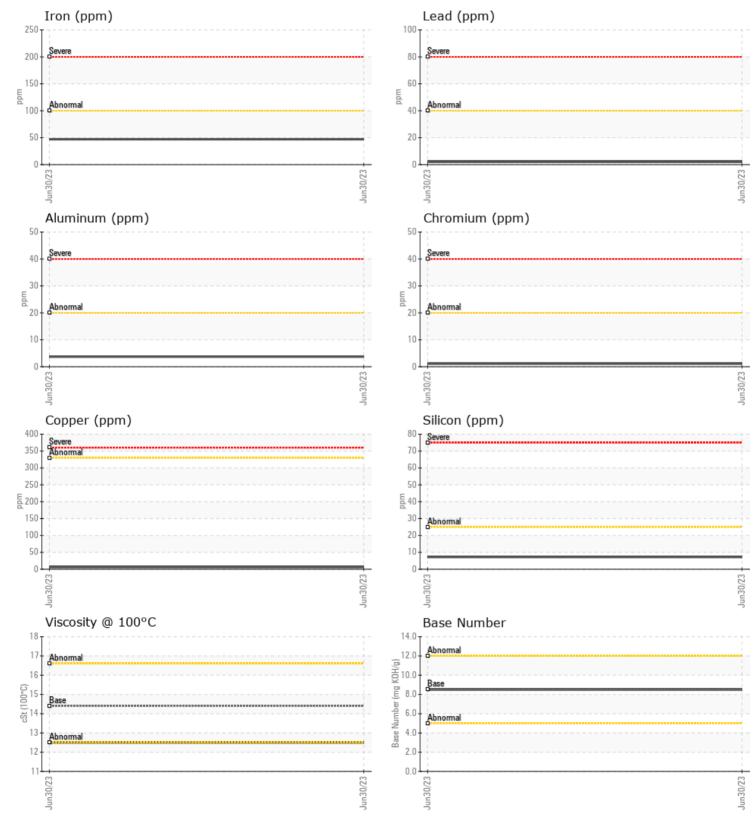
Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: LUKAS DECKER - JOHELK