CONSTRUCTION EQUIPMENT A12465 VOLVO A35G 352266 - DIESEL ENGINE



 Sample No:
 VCP438205

 Oil Type:
 MOBIL 15W40

 Job No:
 A12465

VOLVO

SAMPLE INFORMATION

Sample Number	-	VCP438205	VCP429684	
Sample Date		16 Apr 2024	06 Dec 2023	
Machine Hours		550	236	
Oil Hours		250	0	
Oil Changed		Changed	Changed	
Sample Status		NORMAL	ABNORMAL	
OIL CON	DITION			
Visc @ 100°C	cSt	12.0	1 0.8	
Base Number (BN	I) mg KOH/g	9.5	6.9	
Oxidation (PA)	%	78	53	
VOLVO				
	INATION			- · ·
Water	%	NEG	NEG	
Soot %	%	0.1	0.1	
Nitration (PA)	%	57	68	
Sulfation (PA)	%	60	49	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	0.4	
Silicon	ppm	□11	25	
Sodium	ppm	3	2	
Potassium	ppm	0	3	

WEAR METALS

WEAR I	METALS			
Iron	ppm	7	12	
Copper	ppm	10	62	
Lead	ppm	0	2	
Tin	ppm		2	
Aluminum	ppm	 <1	2	
Chromium	ppm	0	<1	
Molybdenum	ppm	42	81	
Nickel	ppm		<1	
Titanium	ppm	<1	0	
Silver	ppm	0	0	
Manganese	ppm	■ <1	2	
Vanadium	ppm	<1	<1	

ADDITIVES							
Calcium	ppm	1675	2149				
Magnesium	ppm	403	0				
Zinc	ppm	965	1227				
Phosphorus	ppm	881	1030				
Barium	ppm	0	0				
Boron	ppm	52	58				



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Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. 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 acceptable for the time in service.

 Depot:
 JAAPHI

 Unique No:
 10990950

 Signed:
 Sean Felton

 Report Date:
 24 Apr 2024

Report Id: JAAPHI [WUSCAR] 06155527 (Generated: 04/24/2024 11:10:59) Rev: 1

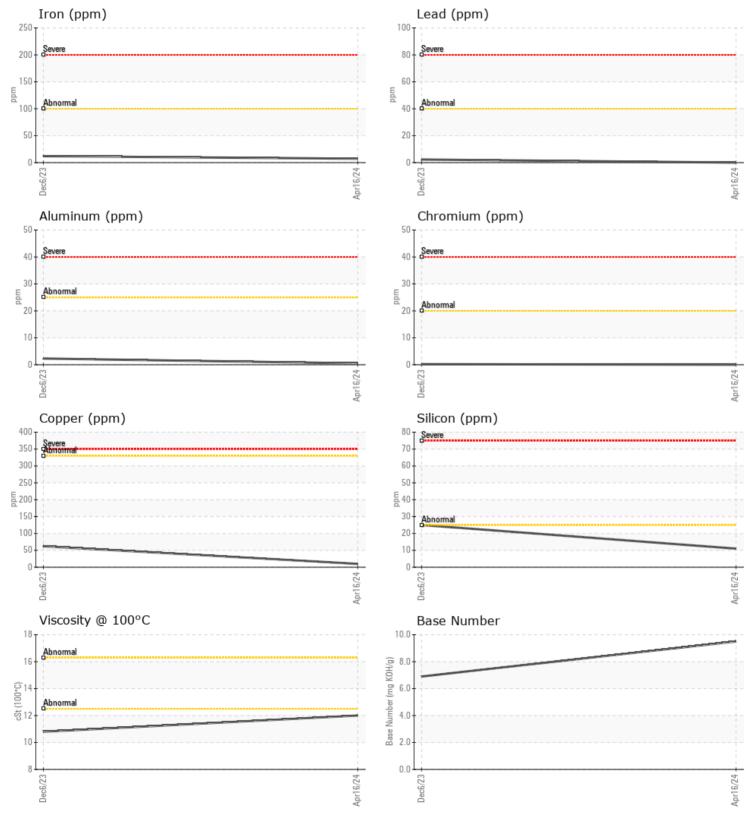
Contact/Location: JOHN HERBUT - JAAPHI

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: JOHN HERBUT - JAAPHI