CONSTRUCTION EQUIPMENT R-2199 VOLVO A40G 352199 - DIESEL ENGINE



 Sample No:
 VCP342914

 Oil Type:
 MOBIL 15W40

 Job No:
 R-2199

VOLVO

SAMPLE INFORMATION

	NF UKMA HUN			
Sample Number	-	VCP342914	VCP343536	
Sample Date		24 Mar 2022	10 Feb 2022	
Machine Hours		2574	2296	
Oil Hours		278	384	
Oil Changed		Changed	Changed	
Sample Status		NORMAL	ABNORMAL	
OIL CONDI	TION			
Visc @ 100°C	cSt	12.8	12.5	
Base Number (BN)	mg KOH/g	11.6	10.8	
Oxidation (PA)	%	84	86	
CONTAMI	ΝΔΤΙΩΝ			
Water	%	NEG	NEG	
Soot %	%	0.1	0.2	
Nitration (PA)	%	53	68	
Sulfation (PA)	%	65	69	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	< 1.0	
Silicon	ppm	4	8	
Sodium	ppm	2	3	
Potassium	ppm	0	3	
VOLVO				

WEAR METALS

	כואו זוי			
Iron	ppm	6	30	
Copper	ppm	5	46	
Lead	ppm	 <1	2	
Tin	ppm	0	 <1	
Aluminum	ppm	1	2	
Chromium	ppm	■ <1	□ <1	
Molybdenum	ppm	37	39	
Nickel	ppm	0	 <1	
Titanium	ppm	0	<1	
Silver	ppm	<1	0	
Manganese	ppm	 <1	2	
Vanadium	maa	0	0	

ADDITIVES							
Calcium	ppm	1583	1835				
Magnesium	ppm	486	564				
Zinc	ppm	820	1200				
Phosphorus	ppm	684	1026				
Barium	ppm	0	0				
Boron	ppm	62	47				



WISE HEAVY EQUIPMENT

9229 S 97TH ST LA VISTA, NE US 68128 Contact: JASON HASSLER jhassler@wiseheavyequipment.com T: F: (402)597-0865

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.

 Depot:
 VOLV00182

 Unique No:
 9929115

 Signed:
 Wes Davis

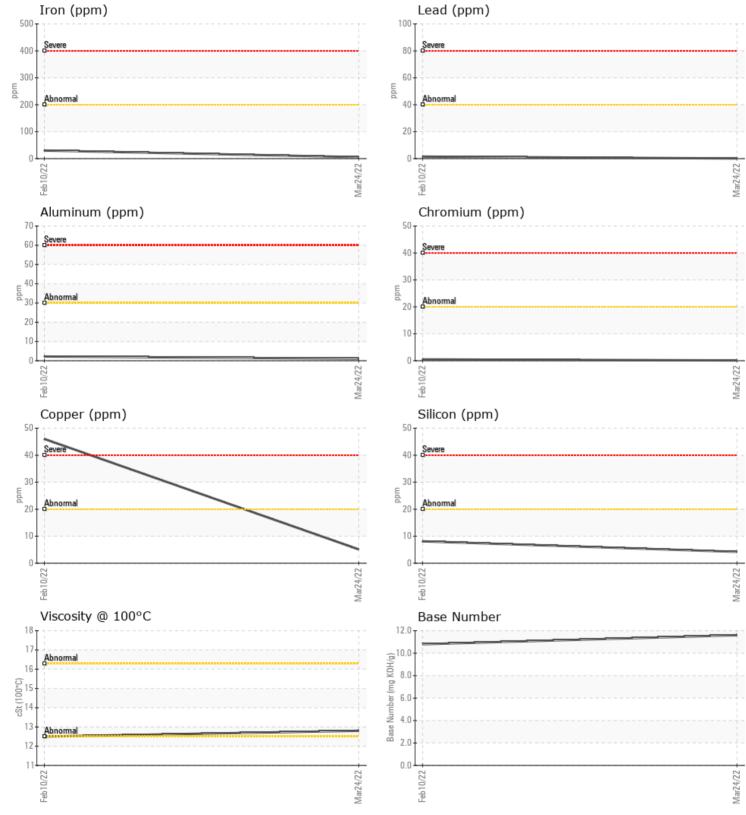
 Report Date:
 13 Apr 2022

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0182 [WUSCAR] 05514836 (Generated: 12/11/2023 10:59:11) Rev: 1

Contact/Location: JASON HASSLER - VOLVO0182