CONSTRUCTION EQUIPMENT 24871 VOLVO L70 625109 - DIESEL ENGINE



Sample No: VCP440936

VOLVO

Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	24871

SAMPLE INFORMATION									
Sample Number		VCP440936							
Sample Date		25 Jan 2024							
Machine Hours		520							
Oil Hours		0							
Oil Changed		Changed							
Sample Status		NORMAL							
Visc @ 100°C	cSt	13.3							
Base Number (BN)	mg KOH/g	7.9							
Oxidation (PA)	%	56							
CONTAMINATION									
Water	%	NEG							
Soot %	%	0.1							
Nitration (PA)	%	41							
Sulfation (PA)	%	56							
Glycol	%	NEG							
Fuel	%	<1.0							
Silicon	ppm	5							
Sodium	ppm	■ <1							
Potassium	ppm	 <1							
WEAR ME	TALS								
Iron	ppm	6							
Copper	ppm	5							
Lead	ppm	0							
Tin	ppm	■ <1							
Aluminum	ppm	9							
Chromium	ppm	■<1							
Molybdenum	ppm	83							
Nickel	ppm	0							

218 - ASCENDUM MACHINERY INC - N. CHARLESTON

7235 CROSS COUNTRY RD. NORTH CHARLESTON, SC US 29418 Contact: MATT MITCHAM matt.mitcham@ascendummachinery.com T: F: (843)414-1129

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 acceptable for the time in service.

Copper	ppm	5							
Lead	ppm	0							
Tin	ppm	□ <1							
Aluminum	ppm	9							
Chromium	ppm	□ <1							
Molybdenum	ppm	83							
Nickel	ppm	0							
Titanium	ppm	0							
Silver	ppm	0							
Manganese	ppm	0							
Vanadium	ppm	0							
ADDITIVES									
Calcium	ppm	1401							
Magnesium	ppm	410							
Zinc	ppm	1219							

 Depot:
 VOLVO3387

 Unique No:
 10861606

 Signed:
 Sean Felton

 Report Date:
 06 Feb 2024

ppm

ppm

ppm

1053

415

0 🔲

Phosphorus

Barium

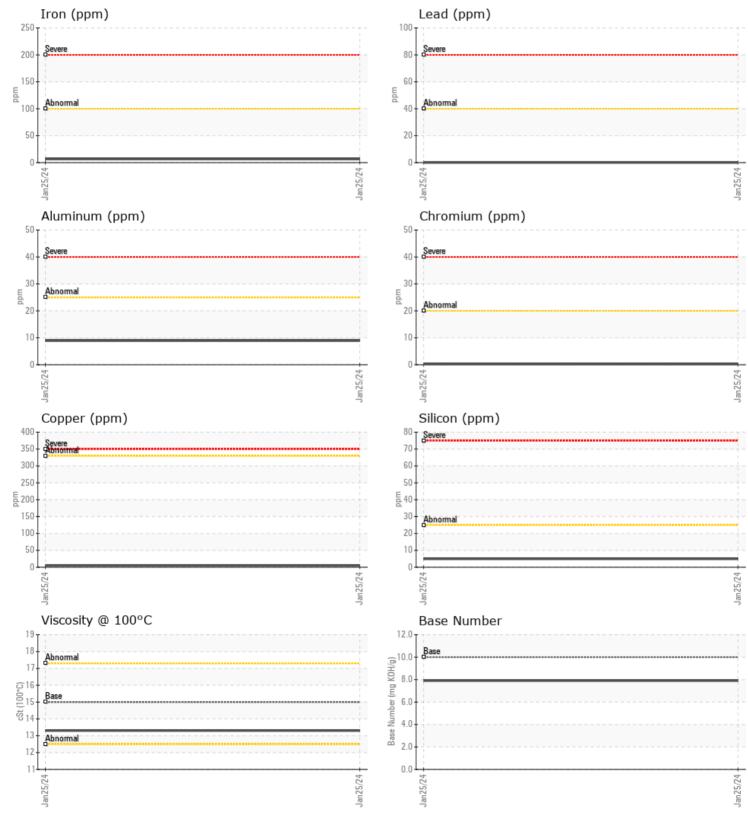
Boron

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO3387 [WUSCAR] 06079515 (Generated: 02/07/2024 10:46:49) Rev: 1

Contact/Location: MATT MITCHAM - VOLVO3387