CONSTRUCTION EQUIPMENT VOLVO L45 422284 - DIESEL ENGINE 24904



Sample No: VCP441238

Fuel

Silicon

Sodium

/12

Potassium

VOLVO

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 Job No: 24904

0.8

27

3

0

ppm

ppm

ppm

SAMPLE INFORMATION VCP441238 Sample Number Sample Date 02 Feb 2024 Machine Hours 610 Oil Hours 0 Oil Changed Changed ATTENTION Sample Status **OIL CONDITION** Visc @ 100°C cSt **10.7** Base Number (BN) mg KOH/g 8.8 Oxidation (PA) % 76 CONTAMINATION NEG % Water Soot % % 0.3 Nitration (PA) % 63 % 60 Sulfation (PA) Glycol % NEG %



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

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. Fuel content negligible. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

WEAR METALS								
Iron	ppm	36						
Copper	ppm	10						
Lead	ppm	□<1						
Tin	ppm	4						
Aluminum	ppm	12						
Chromium	ppm	2						
Molybdenum	ppm	33						
Nickel	ppm	0						
Titanium	ppm	0						
Silver	ppm	0						
Manganese	ppm	8						
Vanadium	ppm	0						

ADDITIVES									
Calcium	ppm	1387							
Magnesium	ppm	607							
Zinc	ppm	1093							
Phosphorus	ppm	985							
Barium	ppm	3							
Boron	ppm	52							

Depot: VOLVO3387 Unique No: 10873259 Signed: Jonathan Hester **Report Date:** 14 Feb 2024

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Report Id: VOLVO3387 [WUSCAR] 06085814 (Generated: 02/14/2024 15:55:15) Rev: 1
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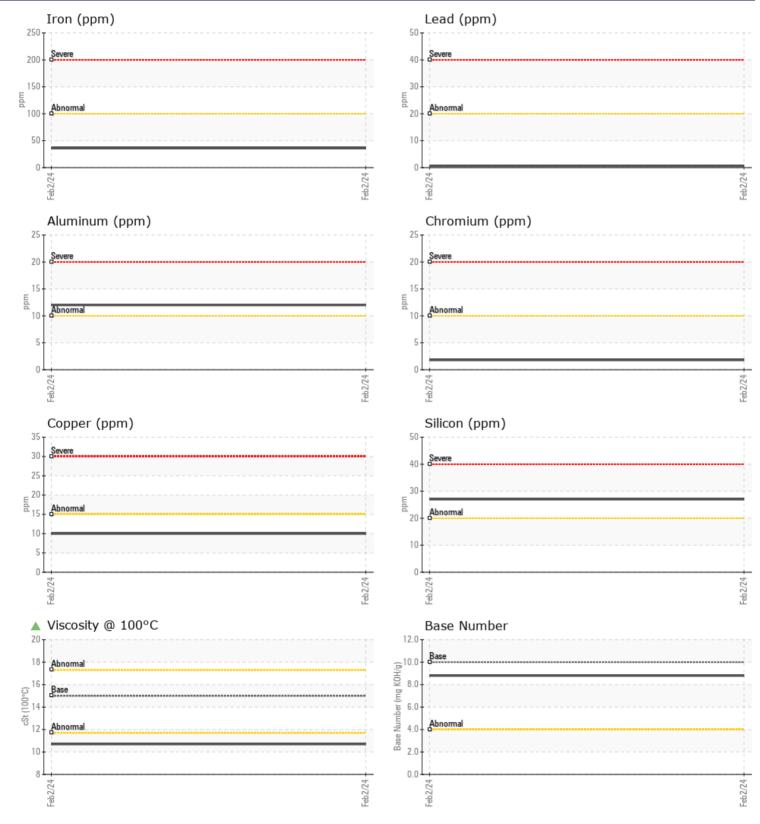
Contact/Location: MATT MITCHAM - VOLVO3387

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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