CONSTRUCTION EQUIPMENT 5520DR KINSLEY VOLVO A40E 13563 - DROP BOX



Sample No: VCP431873

VOLVO

Oil Type:	VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:	5520DR KINSLEY

SAMPLE INFORMATION Sample Number VCP431873 VCP146015 Sample Date 03 May 2024 21 Jun 2013 Machine Hours 13358 2149 Oil Hours 1000 0 Oil Changed Changed Changed ABNORMAL NORMAL Sample Status **OIL CONDITION** Visc @ 40°C cSt 268 300.6 CONTAMINATION Water % NEG NEG Silicon 43 6 ppm Sodium 2 1 ppm Potassium ppm 1 0 WEAR METALS **6** 547 Iron ppm 38 Copper ppm 1 | <1 Lead ppm **||** <1 1 0 Tin ppm 0 🔲 Aluminum ppm 5 3 Chromium 9 1 ppm Molybdenum 45 ppm 2 Nickel 4 0 ppm Titanium <1 0 ppm Silver 0 0 ppm Manganese ppm 7 1 Vanadium ppm 0 0

VOLVO

Calcium	ppm	158	64			
Magnesium	ppm	8	5			
Zinc	ppm	144	73			
Phosphorus	ppm	1239	992			
Barium	ppm	2	0			
Boron	ppm	128	55			



HIGHWAY EQUIPMENT & SUPPLY CO

PO BOX 127 DRUMS, PA US 18222 Contact: JOSEPH GLOWACKI joe@hwyequip.com T: (570)788-1127 F: (570)708-2933

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.The iron level is abnormal. Gear wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

 Depot:
 VOLVO0022

 Unique No:
 11020320

 Signed:
 Angela Borella

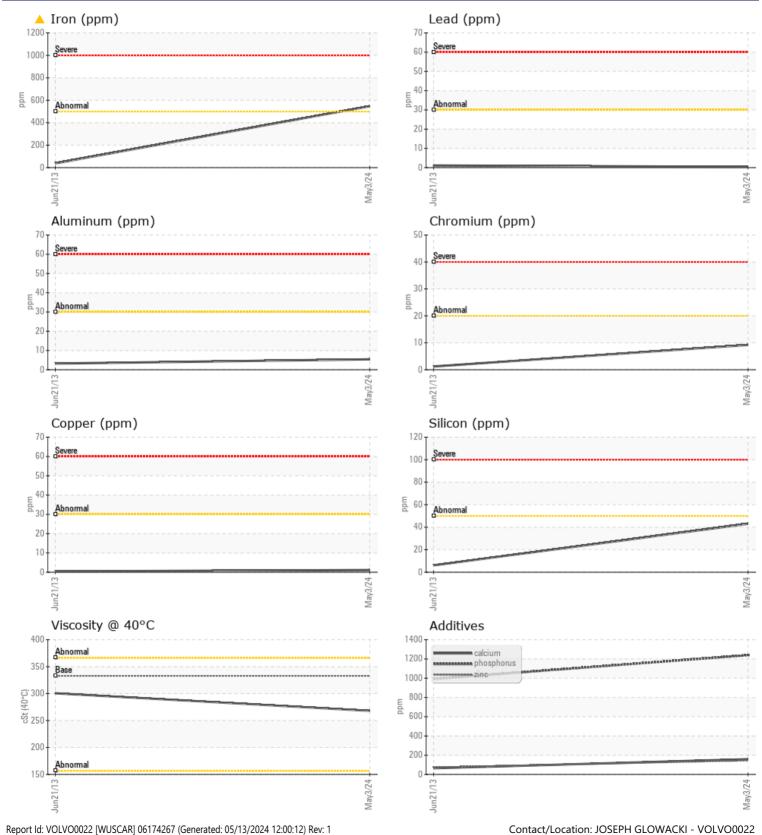
 Report Date:
 13 May 2024

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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