CONSTRUCTION EQUIPMENT VOLVO EC350EL 314487 - DIESEL ENGINE X47839

Sample No: VCP435267 **Oil Type: DIESEL ENGINE OIL SAE 15W40** Job No: X47839

VOLVO

SAMPLE INFORMATION Sample Number VCP435267 Sample Date 13 Oct 2023 Machine Hours 1069 Oil Hours 0 Oil Changed N/A ABNORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt **10.92** Base Number (BN) mg KOH/g 5.1

76

CONTAMINATION % 0.1 Soot % Nitration (PA) % 76 Sulfation (PA) % 63 % NEG Glycol Fuel % 0.4 Silicon ppm 30 Sodium ppm **4** Potassium ppm 4

WFAR MFTAI S

Oxidation (PA)

%

Iron	ppm	1 7			
Copper	ppm	A 188			
Lead	ppm	3			
Tin	ppm	2			
Aluminum	ppm	2			
Chromium	ppm	0			
Molybdenum	ppm	82			
Nickel	ppm	2			
Titanium	ppm	0			
Silver	ppm	0			
Manganese	ppm	3			
Vanadium	ppm	0			

ADDITIVES Calcium 1855 ppm Magnesium 295 ppm Zinc 1171 ppm Phosphorus 937 ppm Barium 0 🔲 ppm 52 Boron ppm



SCOTT EQUIPMENT COMPANY LLC - Lake Charles PO BOX 16955 LAKE CHARLES, LA US 70616 Contact: TINA LEDOUX tledoux@scottcompanies.com T: (337)433-9811

Diagnosis

F: (318)433-6623

No corrective action is recommended at this time. Resample at the next service interval to monitor.The copper level is abnormal. In the absence of other significant wear metals, suspect copper due to sources other than wear (i.e. cooling core). Fuel content negligible. Elemental level of silicon (Si) above normal indicating ingress of seal material. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

Depot: VOLVO6244 Unique No: Signed: **Report Date:**

10699581 Jonathan Hester 30 Oct 2023

Report Id: VOLVO6244 [WUSCAR] 05982286 (Generated: 10/30/2023 11:40:45) Rev: 1

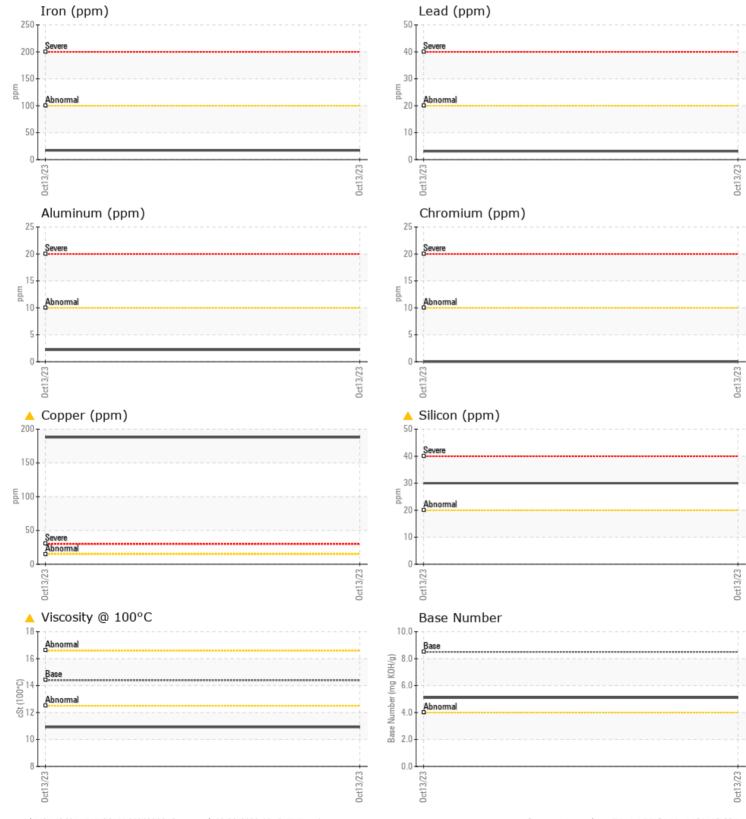
Contact/Location: TINA LEDOUX - VOLVO6244

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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