CONSTRUCTION EQUIPMENT 47578 VOLVO EC350EL 314401 - FRONT RIGHT FINAL DRIVE

 Sample No:
 VCP417218

 Oil Type:
 VOLVO 85W90

 Job No:
 47578

VOLVO

SAMPLE INFORMATION VCP417218 Sample Number Sample Date 14 Mar 2024 Machine Hours 1967 Oil Hours 500 Oil Changed N/A ABNORMAL Sample Status **OIL CONDITION** Visc @ 40°C cSt 51.7 CONTAMINATION Water % NEG Silicon **160** ppm Sodium **||** <1 ppm Potassium ppm 0 WEAR METALS 487 Iron ppm Copper ppm ■ <1 Lead ppm 0 🔲 Tin ppm 0 🔲 Aluminum ppm 18 Chromium 10 ppm Molybdenum ppm 1 Nickel 2 ppm Titanium ppm 3 Silver 0 ppm Manganese ppm 6

Vanadium ppm <1 01 **ADDITIVES** Calcium ppm 2977 4 Magnesium ppm 1090 Zinc ppm Phosphorus 1135 ppm Barium <1 ppm 66 Boron ppm



365 - ASCENDUM MACHINERY INC - SAVANNAH 54 MEDLINE DR RICHMOND HILL, GA US 31324 Contact: JESSE WILSON jesse.wilson@ascendummachinery.com T: F: (912)964-9515

Diagnosis

We advise that you check all areas where dirt can enter the system. Resample at the next service interval to monitor.All component wear rates are normal. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The oil viscosity is lower than normal. Confirm oil type.

 Depot:
 VOLVO8531

 Unique No:
 10980789

 Signed:
 Don Baldridge

 Report Date:
 18 Apr 2024

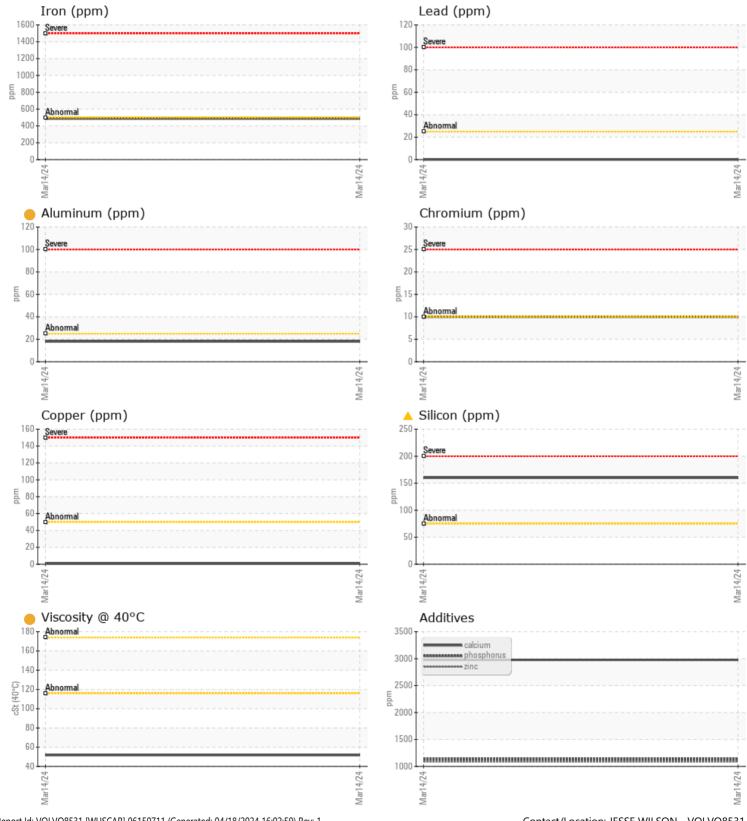
 Contact/Location: JESSE WILSON - VOLVO8531

CONSTRUCTION EQUIPMENT



GRAPHS

VOLV



Report Id: VOLVO8531 [WUSCAR] 06150711 (Generated: 04/18/2024 16:02:59) Rev: 1

Contact/Location: JESSE WILSON - VOLVO8531