CONSTRUCTION EQUIPMENT 646452 MOSIAC CO VOLVO A45G 352974 - DROP BOX



Sample No: VCP428682

VOLVO

Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5 Job No: 646452 MOSIAC CO

SAMPLE INFORMATION VCP428682 Sample Number Sample Date 14 Dec 2023 Machine Hours 3408 Oil Hours 3408 Oil Changed Not Changd Sample Status ABNORMAL **OIL CONDITION** Visc @ 40°C cSt **45.8** CONTAMINATION Water % NEG Silicon 54 ppm Sodium 8 ppm Potassium ppm 3 WEAR METALS **1068** Iron ppm Copper ppm **41** Lead ppm **||** < 1 Tin ppm 0 🔲 Aluminum 1 ppm Chromium 8 🔲 ppm Molybdenum ppm 8 Nickel 5 ppm Titanium <1 ppm Silver 0 ppm Manganese ppm 19 <1 Vanadium ppm **ADDITIVES** Calcium 47 ppm Magnesium 4 ppm Zinc ppm 94



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC

8418 PALM RIVER ROAD TAMPA, FL US 33619 Contact: JOHN FARDELLA john.fardella@altg.com T: (813)630-0077 F: (813)630-2233

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.Gear wear is indicated. All other metal levels are typical for a new component breaking in. Elemental level of silicon (Si) above normal indicating ingress of seal material. The oil viscosity is lower than normal. Confirm oil type.

Depot:	VOLVO0093
Unique No:	10862338
Signed:	Don Baldridge
Report Date:	07 Feb 2024

2220

0 🔲

51

Phosphorus

Barium

Boron

ppm

ppm

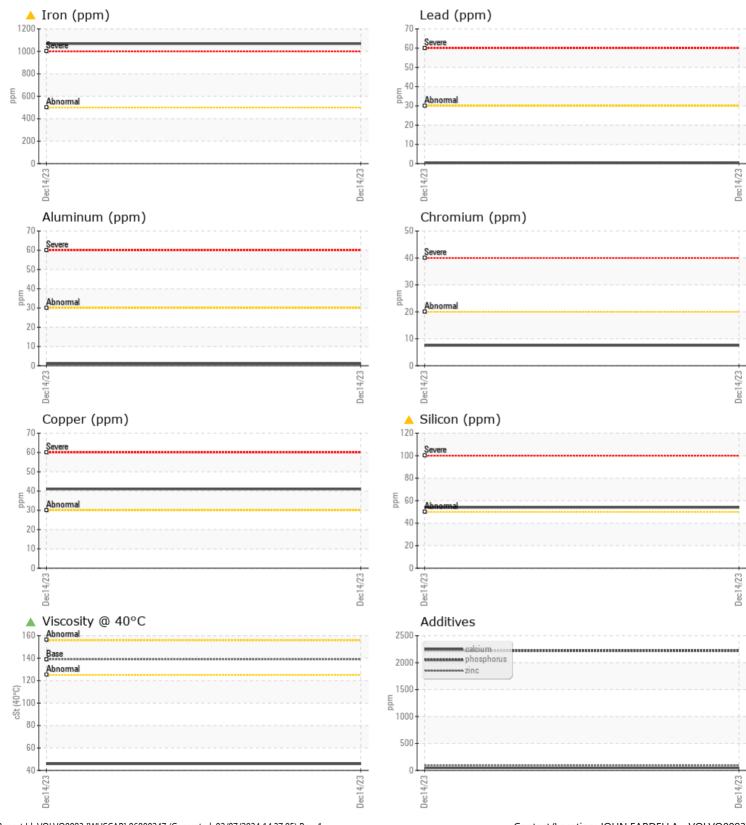
ppm

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0093 [WUSCAR] 06080247 (Generated: 02/07/2024 14:27:05) Rev: 1

Contact/Location: JOHN FARDELLA - VOLVO0093