CONSTRUCTION EQUIPMENT 5520DR KINSLEY VOLVO A40E 13563 - BOGIE/CENTER AXLE



Sample No: VCP431944

VOLVO

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

SAMPLE INFORMATION Sample Number VCP431944 VCP116618 Sample Date 03 May 2024 21 Jun 2013 Machine Hours 13358 2149 Oil Hours 1000 0 Oil Changed Changed Changed Sample Status ABNORMAL ABNORMAL **OIL CONDITION** Visc @ 40°C cSt 274 293.0 CONTAMINATION Water % NEG NEG Silicon 2 8 ppm Sodium **||** <1 <1 ppm Potassium ppm 0 3 WEAR METALS Iron ppm 129 73 Copper ppm 0 <1 Lead ppm **||** <1 0 Tin ppm 0 0 Aluminum ppm 2 < 1 Chromium □ <1 1 ppm Molybdenum ppm 2 2 Nickel 0 □ < 1 ppm Titanium ppm 0 <1 Silver 0 0 ppm Manganese ppm 2 2 Vanadium ppm 0 0

ADDITIVES Calcium ppm 78 63 12 0 Magnesium ppm 49 63 Zinc ppm Phosphorus 681 969 ppm Barium ■ <1 0 ppm 58 139 Boron ppm



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

We suspect abnormal metal contamination may be due to sampling method. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.Moderate concentration of visible metal present. All component wear rates are normal. There is no indication of any contamination in the component. The condition of the oil is acceptable for the time in service.

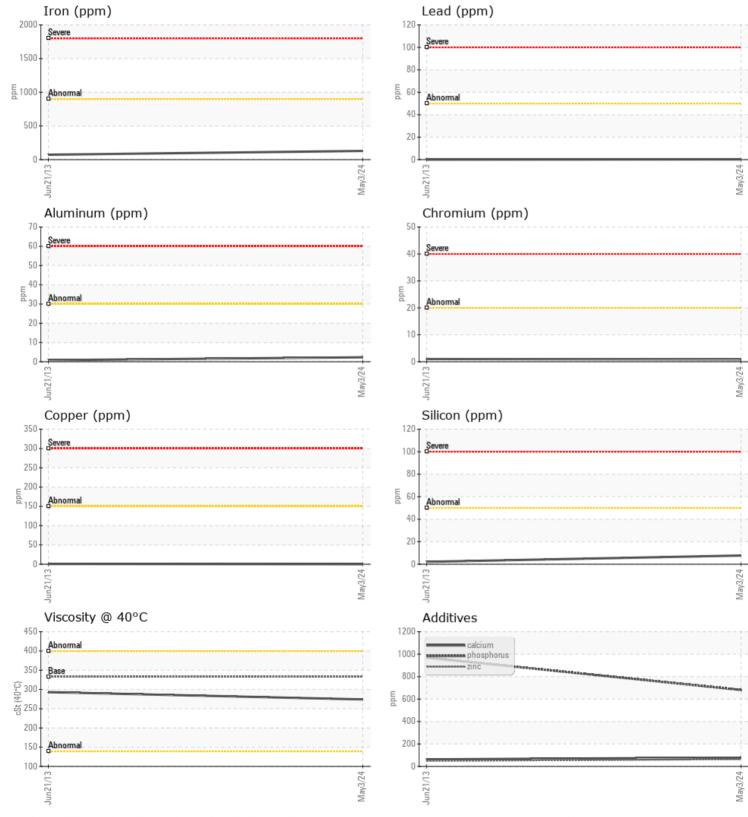
Depot:VOLVO0022Unique No:11020318Signed:Angela BorellaReport Date:13 May 2024

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0022 [WUSCAR] 06174265 (Generated: 05/13/2024 11:27:09) Rev: 1

Contact/Location: JOSEPH GLOWACKI - VOLVO0022