CONSTRUCTION EQUIPMENT VOLVO A40G 353131 - FRONT AXLE 579653



Sample No: VCP422696

VOLVO

Oil Type:	VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:	579653

SAMPLE INFORMATION VCP422696 Sample Number Sample Date 13 Jul 2023 2234 Machine Hours Oil Hours 1500 Oil Changed Not Changd ABNORMAL Sample Status T: **OIL CONDITION** F: Visc @ 40°C cSt 323 CONTAMINATION Silicon ppm Sodium 0 ppm Potassium 1 🔲 ppm WEAR METALS Iron ppm 370 Copper ppm 2 Lead ppm **||** <1 Tin ppm 0 🔲 Aluminum ppm 1 🔲 Chromium ppm 4 Molybdenum ppm 1 🔲 Nickel 2 ppm Titanium <1 ppm Silver 0 ppm Manganese 4 ppm Vanadium ppm 0 **ADDITIVES** Calcium 30 ppm Magnesium 2 ppm 14 Zinc ppm 1139 Phosphorus ppm



RIPA AND ASSOCIATES

10149 FISHER AVENUE TAMPA, FL US 33619 Contact: ROBERT TURNER rturner@ripatampa.com

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. Elemental level of silicon (Si) above normal indicating ingress of seal material. The condition of the oil is acceptable for the time in service.

Depot:	RIPTAM
Unique No:	10566012
Signed:	Don Baldridge
Report Date:	25 Jul 2023

2

237

ppm

ppm

Barium

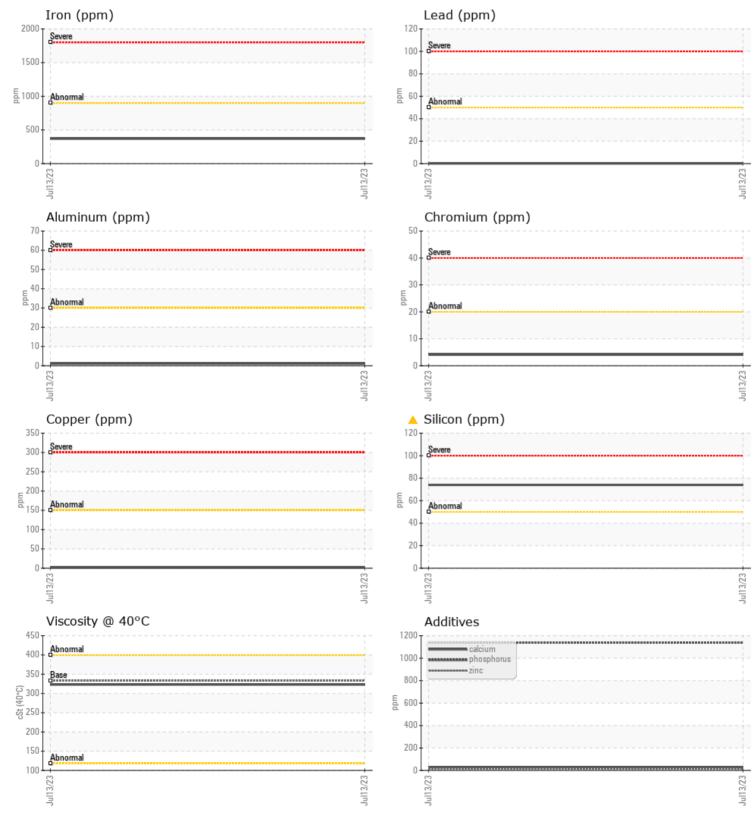
Boron

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: RIPTAM [WUSCAR] 05904656 (Generated: 07/25/2023 10:18:23) Rev: 1

Contact/Location: ROBERT TURNER - RIPTAM