CONSTRUCTION EQUIPMENT 41829 LANDMARK VOLVO A40G 352361 - FRONT AXLE



Sample No: VCP449769

VOLVO

Oil Type:	VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No:	41829 LANDMARK

SAMPLE INFORMATION VCP449769 Sample Number VCP295555 Sample Date 12 Apr 2024 01 Dec 2020 Machine Hours 3829 899 Oil Hours 0 0 Oil Changed Changed Changed ABNORMAL NORMAL Sample Status **OIL CONDITION** Visc @ 40°C cSt 47.8 51.5 CONTAMINATION Water % NEG NEG 0 Silicon ppm 5 Sodium 1 🔲 0 ppm Potassium ppm 0 4 WEAR METALS Iron ppm 56 151 Copper ppm 1 1 Lead ppm 0 🔲 < 1 Tin ppm 0 0 Aluminum ppm 0 0 Chromium **||** <1 2 ppm Molybdenum ppm 3 2 Nickel 0 □<1 ppm Titanium 0 0 ppm Silver 0 <1 ppm 9 Manganese ppm 1

BALFOUR BEATTY INFRASTRUCTURE INC

6701 OLD PLANK RD PARKTON, NC US 28371 Contact: Service Manager

T: F:

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

Vanadium	

ppm

<1

VOLVO **ADDITIVES** Calcium ppm 743 48 0 Magnesium 10 ppm 361 6 Zinc ppm Phosphorus 2146 2493 ppm Barium 0 0 ppm Boron 266 263 ppm

0

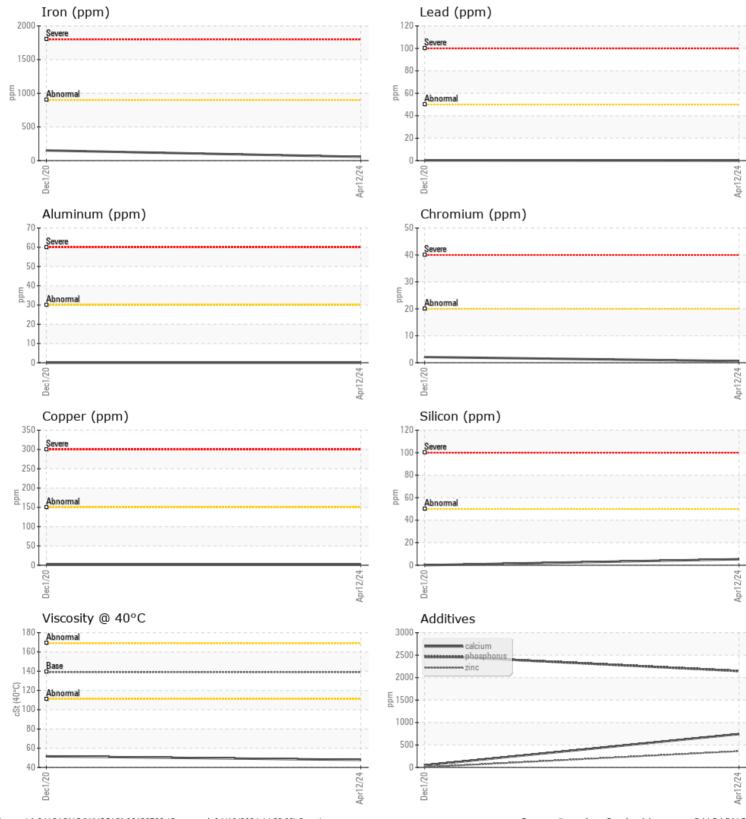
Depot:BALPARNCUnique No:10980780Signed:Sean FeltonReport Date:18 Apr 2024

CONSTRUCTION EQUIPMENT



GRAPHS

VOLV



Report Id: BALPARNC [WUSCAR] 06150702 (Generated: 04/18/2024 14:52:02) Rev: 1

Contact/Location: Service Manager - BALPARNC