OIL ANALYSIS REPORT

GARY CONVIS 7716146 VOLVO PENTA A1056054 - CENTER DIESEL ENGINE

Sample No: VPA056743

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

SAMPLE INFORMATION VPA056743 Sample Number Sample Date 27 Jun 2023 Machine Hours 175 **Oil Hours** 0 Oil Changed Not Changd NORMAL Sample Status **OIL CONDITION** F: 13.8 Visc @ 100°C cSt Base Number (BN) mg KOH/g 8.9 Oxidation (PA) % 51 CONTAMINATION Soot % % 0.1 % Nitration (PA) 56 Sulfation (PA) % 50 % Glycol NEG Fuel % <1.0 Silicon ppm 8 Sodium 1 ppm Potassium 5 ppm WEAR METALS 32 Iron ppm 9 Copper ppm Lead ppm 2 Tin ■ <1 ppm Aluminum ppm 3 Chromium 2 ppm Molybdenum 10 ppm Nickel 2 ppm Titanium 0 🔲 ppm Silver ppm 0 🔲 Manganese ■ <1 ppm Vanadium <1 ppm **ADDITIVES** Calcium 1227 ppm Magnesium 736 ppm Zinc ppm 872 🔲 Phosphorus ppm 726



Pacific Power Group - VP981534 7215 S 228th St Kent, WA US 98032 Contact: PAT RYAN pryan@pacificpowergroup.com T: (253)520-5163 F:

Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

 Depot:
 VP99031103

 Unique No:
 10537690

 Signed:
 Doug Bogart

 Report Date:
 30 Jun 2023

□0 **■**84

ppm

ppm

Barium

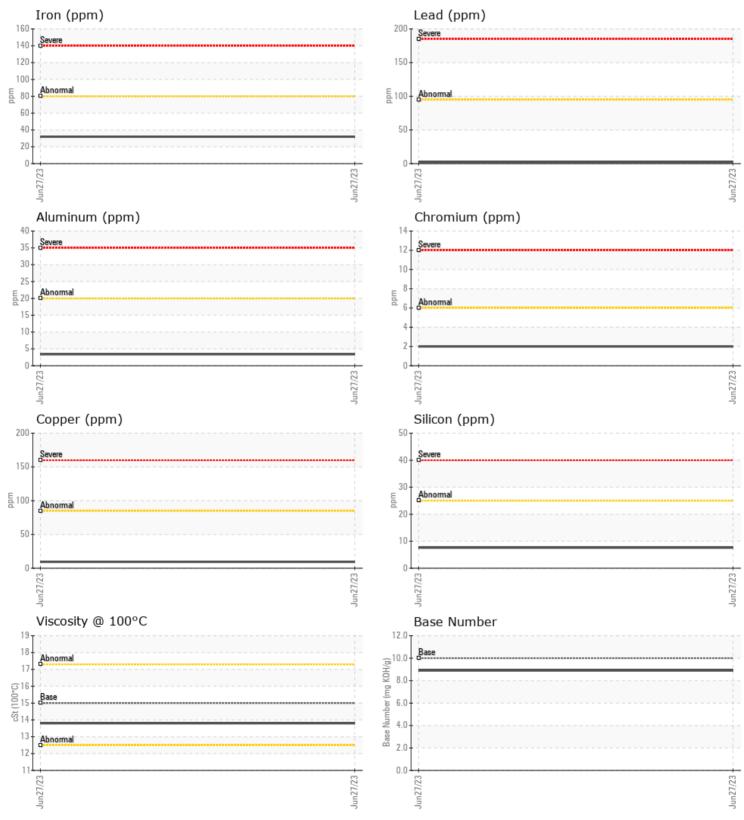
Boron

Contact/Location: PAT RYAN - VP99031103

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP99031103 [WUSCAR] 05887207 (Generated: 06/30/2023 11:21:07) Rev: 1

Contact/Location: PAT RYAN - VP99031103