OIL ANALYSIS REPORT

CRUZ VOLVO PENTA 3940017809 - PORT IPS

Sample No: VPA036204

Oil Type: NOT GIVEN

SAMPLE INFORMATION VPA036204 VPA044758 Sample Number 17 Nov 2023 Sample Date 22 Nov 2022 Machine Hours 0 0 0 0 **Oil Hours** Oil Changed Not Changd Changed NORMAL Sample Status NORMAL **OIL CONDITION** 108 Visc @ 40°C cSt 108.2 cSt Visc @ 100°C 15.1 Viscosity Index (VI) Scale 145 CONTAMINATION % NEG Water NEG Silicon ppm 8 17 Sodium ppm 7 9 Potassium ppm **||** <1 0 WEAR METALS PQ 9 5 Iron 12 19 ppm 5 Copper 4 ppm 0 🔲 0 Lead ppm 0 Tin ppm 0 0 <1 Aluminum ppm 0 Chromium ppm <1 Molybdenum ■ <1 <1 ppm Nickel 0 <1 ppm 2 0 Titanium ppm Silver 0 0 ppm 2 Manganese 2 ppm Vanadium <1 0 ppm **ADDITIVES** Calcium ppm 0 5 Magnesium 0 🔲 5 ppm Zinc ppm 0 4 Phosphorus 1385 1319 ppm Barium 0 ppm 0 313 Boron 329 ppm



MARINE DIESEL SERVICES INC

1711 WHITTIER AVE, SUITE B COSTA MESA, CA US 92627 Contact: BEN ALMAZAN marinedieselservices@outlook.com,BEN@MARINEDIESELSERVICE.COM T: (949)612-8180 F: x:

Diagnosis

No corrective action is recommended at this time. 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 condition of the oil is acceptable for the time in service.

 Depot:
 VP288530

 Unique No:
 10755305

 Signed:
 Doug Bogart

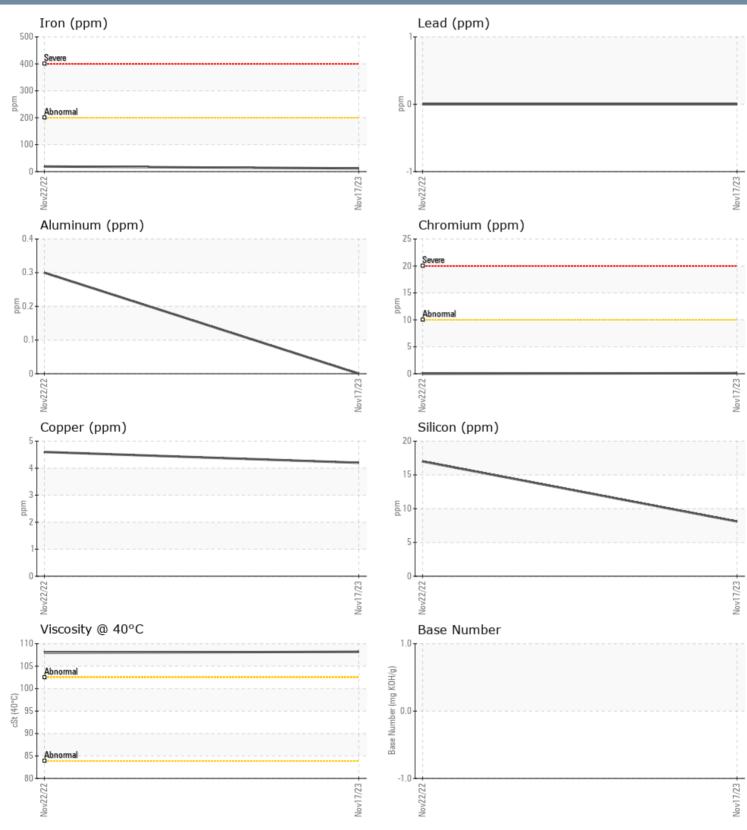
 Report Date:
 01 Dec 2023

Contact/Location: BEN ALMAZAN - VP288530

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Report Id: VP288530 [WUSCAR] 06016161 (Generated: 12/01/2023 10:58:07) Rev: 1

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