OIL ANALYSIS REPORT

MCNEIL TWIN DISC 2375331 - INBOARD - PORT IPS

Sample No: VPA036770

Oil Type: VOLVO SAE 30

SAMPLE INFORMATION Sample Number VPA036770 VPA033451 Sample Date 08 Sep 2023 28 Mar 2022 Machine Hours 976 677 **Oil Hours** 0 0 Oil Changed Changed Not Changd NORMAL Sample Status NORMAL **OIL CONDITION** Visc @ 40°C cSt 102 98.3 CONTAMINATION 4 Silicon ppm 11 Sodium 5 2 ppm Potassium ■<1 0 ppm WEAR METALS PO 44 25 Iron 78 43 ppm Copper ppm 28 24 Lead ppm 7 4 Tin <1 <1 ppm 8 5 Aluminum ppm Chromium ppm **||** <1 < 1 Molybdenum 95 90 ppm Nickel 0 🔲 <1 ppm 0 Titanium ppm 0 Silver 0 0 ppm Manganese <1 ■<1 ppm Vanadium 0 <1 ppm **ADDITIVES** Calcium 2336 2251 ppm Magnesium 121 131 ppm 1024 Zinc ppm 960 Phosphorus ppm 932 910 Barium 0 0 ppm 11 17



FULL KEEL MARINE SERVICES 314 LEGION AVE ANNAPOLIS, MD US 21401 Contact: Service Manager FULLKEELMARINESERIVES@GMAIL.COM

T: (410)507-3542 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 condition of the oil is acceptable for the time in service.

Depot:	VP1298996
Unique No:	10646908
Signed:	Doug Bogart
Report Date:	19 Sep 2023

ppm

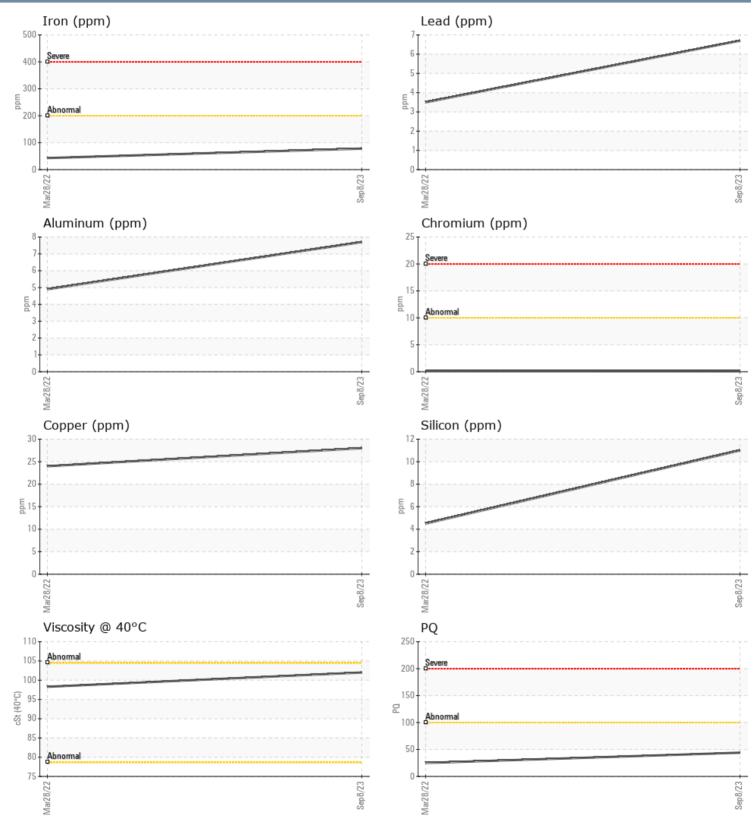
Boron

Contact/Location: Service Manager - VP1298996

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP1298996 [WUSCAR] 05950949 (Generated: 09/19/2023 08:45:53) Rev: 1

Contact/Location: Service Manager - VP1298996