OIL ANALYSIS REPORT

LEIF ORMSETH 7716513 VOLVO PENTA 3100008040 - STERNDRIVE - CENTER GEARBOX

Sample No: VPA049714

Oil Type: GEAR OIL SAE 75W90

| SAMPLE INFORM | | | | |
|---------------|------|--------------|-------------|------|
| | | | | |
| Sample Number | | VPA049714 | VPA055483 | |
| Sample Date | | 22 Aug 2023 | 18 Jul 2023 | |
| Machine Hours | | 197 | 157 | |
| Oil Hours | | 40 | 0 | |
| Oil Changed | | Changed | Changed | |
| Sample Status | | NORMAL | ATTENTION | |
| OIL CONDITION | | | | |
| Visc @ 40°C | cSt | 1 01 | 84.1 | |
| | | | | |
| CONTAMINATION | | | | |
| Silicon | ppm | 5 | 4 | |
| Sodium | ppm | 1 1 | 8 | |
| Potassium | ppm | 6 | 14 | |
| | rr " | | | |
| WEAR METALS | | | | |
| PQ | | 22 | 24 | |
| Iron | ppm | 89 | 1 64 | |
| Copper | ppm | <1 | 2 | |
| Lead | ppm | <1 | 0 | |
| Tin | ppm | 0 | 0 | |
| Aluminum | ppm | 0 | 2 | |
| Chromium | ppm | □ <1 | <1 | |
| Molybdenum | ppm | 0 | 0 | |
| Nickel | ppm | ■ <1 | <1 | |
| Titanium | ppm | <1 | <1 | |
| Silver | ppm | 0 | 0 | |
| Manganese | ppm | 4 | 6 | |
| Vanadium | ppm | _ <1 | <1 | |
| ADDITIVES | | | | |
| | | | | |
| Calcium | ppm | 0 | 10 | |
| Magnesium | ppm | 80 | 804 | |
| Zinc | ppm | 0 | 10 | |
| Phosphorus | ppm | 1457 | 1500 | |
| Barium | ppm | 0 | 0 | |
| Boron | ppm | 465 | 450 | |

VOLVO PENTA

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

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:
 VP99031103

 Unique No:
 10622108

 Signed:
 Sean Felton

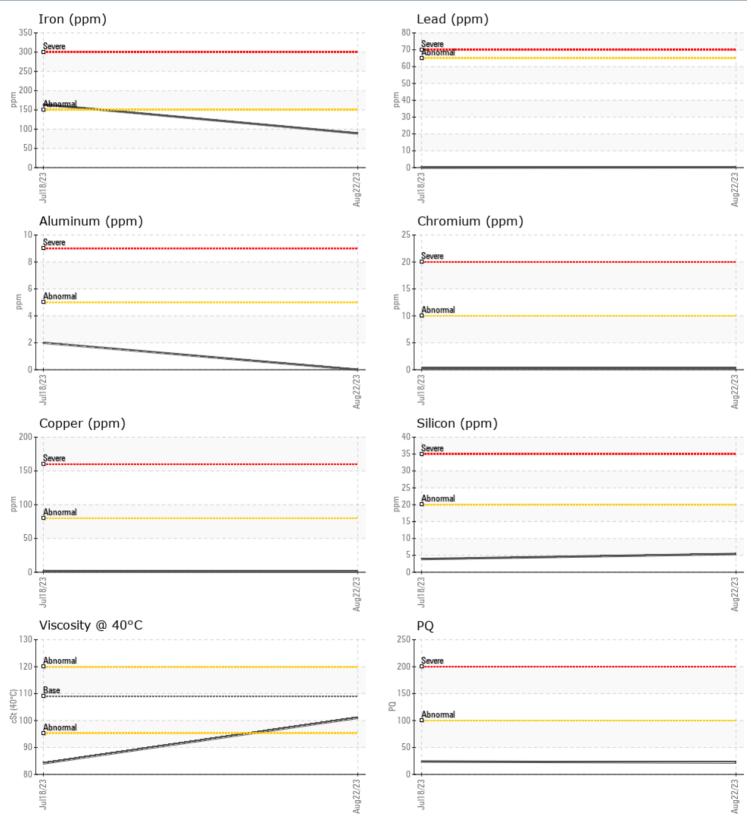
 Report Date:
 29 Aug 2023

Contact/Location: PAT RYAN - VP99031103

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP99031103 [WUSCAR] 05936837 (Generated: 08/29/2023 17:19:47) Rev: 1

Contact/Location: PAT RYAN - VP99031103