OIL ANALYSIS REPORT

VOLVO PENTA 3940017915 - STARBOARD IPS JOSEPH FUSCO JF

Sample No: VPA012852

Oil Type: GEAR OIL SAE 75W90

| SAMPLE INFORM | | | | |
|---------------|-----|-------------|-------------|------|
| | | | | |
| Sample Number | | VPA012852 | VPA012783 | |
| Sample Date | | 30 Mar 2024 | 17 Apr 2023 | |
| Machine Hours | | 607 | 625 | |
| Oil Hours | | 109 | 120 | |
| Oil Changed | | Not Changd | Changed | |
| Sample Status | | NORMAL | NORMAL | |
| OIL CONDITION | | | | |
| Visc @ 40°C | cSt | 105 | 105 | |
| CONTAMINATION | | | | |
| Water | % | NEG | NEG | |
| Silicon | ppm | 11 | 14 | |
| Sodium | ppm | 11 | 4 | |
| Potassium | ppm | 0 | <1 | |
| WEAR METALS | | | | |
| PQ | | 26 | 17 | |
| Iron | ppm | 198 | 128 | |
| Copper | ppm | 10 | 8 | |
| Lead | ppm | 0 | 0 | |
| Tin | ppm | <1 | 0 | |
| Aluminum | ppm | 2 | 0 | |
| Chromium | ppm | 1 | 1 | |
| Molybdenum | ppm | 0 | <1 | |
| Nickel | ppm | ∎1 | <1 | |
| Titanium | ppm | 0 | 0 | |
| Silver | ppm | 0 | 0 | |
| Manganese | ppm | 4 | 2 | |
| Vanadium | ppm | 0 | 0 | |
| ADDITIVES | | | | |
| Calcium | ppm | 4 8 | □15 | |
| Magnesium | ppm | 0 | 6 | |
| Zinc | ppm | 24 | 19 | |
| Phosphorus | ppm | 1392 | 1297 | |
| Barium | ppm | 0 | 0 | |
| Boron | ppm | 286 | 309 | |
| | | | | |



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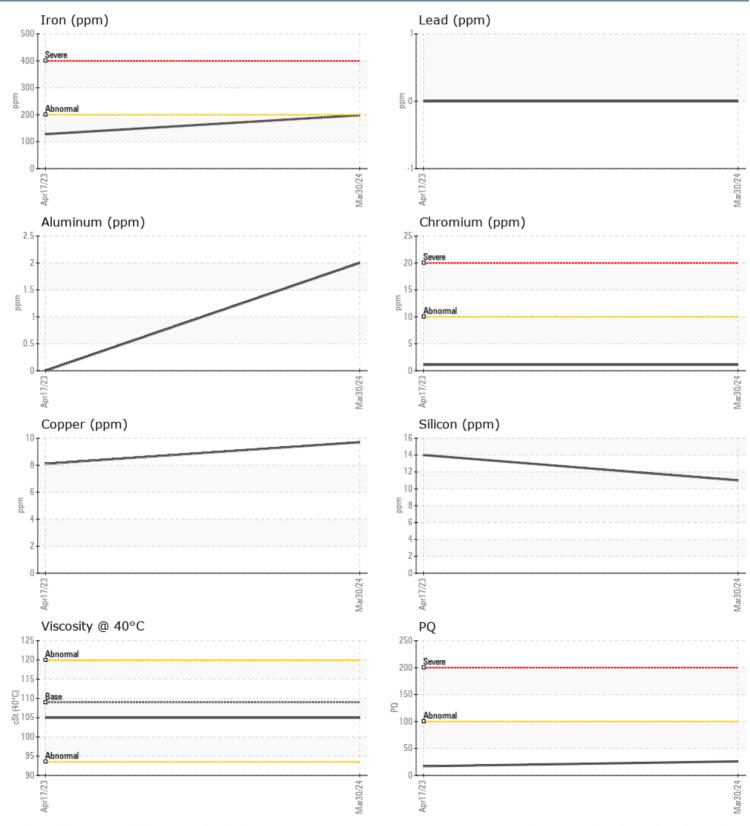
tive action is recommended ne. Resample at the next terval to monitor.All nt wear rates are normal. o indication of any ation in the oil. The of the oil is acceptable for n service.

Depot: VP153187 Unique No: 10956103 Signed: Sean Felton Report Date: 04 Apr 2024

OIL ANALYSIS REPORT







Report Id: VP153187 [WUSCAR] 06136638 (Generated: 04/05/2024 09:25:42) Rev: 1

Contact/Location: Ellen Lockwood - VP153187