

OIL ANALYSIS REPORT

VOLVO PENTA

JACK EDSON 66336 VOLVO PENTA 3590007050 - STARBOARD IPS

Sample No: VPA044567

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VPA044567 | --- | --- | --- |
| Sample Date | 18 Jul 2023 | --- | --- | --- |
| Machine Hours | 126 | --- | --- | --- |
| Oil Hours | 126 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

OIL CONDITION

| | | | | | |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 107 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|

CONTAMINATION

| | | | | | |
|-----------|-----|-----|-----|-----|-----|
| Silicon | ppm | █ 2 | --- | --- | --- |
| Sodium | ppm | █ 5 | --- | --- | --- |
| Potassium | ppm | █ 2 | --- | --- | --- |

WEAR METALS

| | | | | | |
|------------|-----|------|-----|-----|-----|
| PQ | | █ 17 | --- | --- | --- |
| Iron | ppm | █ 24 | --- | --- | --- |
| Copper | ppm | █ 3 | --- | --- | --- |
| Lead | ppm | █ 0 | --- | --- | --- |
| Tin | ppm | █ 0 | --- | --- | --- |
| Aluminum | ppm | █ 1 | --- | --- | --- |
| Chromium | ppm | █ <1 | --- | --- | --- |
| Molybdenum | ppm | █ <1 | --- | --- | --- |
| Nickel | ppm | █ 0 | --- | --- | --- |
| Titanium | ppm | █ 0 | --- | --- | --- |
| Silver | ppm | █ 0 | --- | --- | --- |
| Manganese | ppm | █ 2 | --- | --- | --- |
| Vanadium | ppm | █ 0 | --- | --- | --- |

ADDITIVES

| | | | | | |
|------------|-----|--------|-----|-----|-----|
| Calcium | ppm | █ 19 | --- | --- | --- |
| Magnesium | ppm | █ 143 | --- | --- | --- |
| Zinc | ppm | █ 5 | --- | --- | --- |
| Phosphorus | ppm | █ 1438 | --- | --- | --- |
| Barium | ppm | █ 0 | --- | --- | --- |
| Boron | ppm | █ 355 | --- | --- | --- |

Maritime Fabrications Inc
920 W Pearle Jensen Way, 920 W. Pearle Jensen Way
LACONNER, WA
US 98257
Contact: Mark Crandall
markc@laconnermaritime.com
T: (360)466-3629
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: VP153319
Unique No: 10575814
Signed: Don Baldrige
Report Date: 30 Jul 2023

OIL ANALYSIS REPORT

VOLVO PENTA

GRAPHS

