

OIL ANALYSIS REPORT

VOLVO PENTA

HUSCHITT ONAN F110227258 - GENSET

Sample No: VPA058129

Oil Type: SHELL ROTELLA T 15W40

SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VPA058129 | --- | --- | --- |
| Sample Date | 19 Dec 2023 | --- | --- | --- |
| Machine Hours | 0 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | N/A | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

OIL CONDITION

| | | | | | |
|------------------|----------|--------|-----|-----|-----|
| Visc @ 100°C | cSt | █ 14.1 | --- | --- | --- |
| Base Number (BN) | mg KOH/g | █ 8.0 | --- | --- | --- |
| Oxidation (PA) | % | 66 | --- | --- | --- |

CONTAMINATION

| | | | | | |
|----------------|-----|-------|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Soot % | % | █ 0.1 | --- | --- | --- |
| Nitration (PA) | % | 54 | --- | --- | --- |
| Sulfation (PA) | % | 56 | --- | --- | --- |
| Glycol | % | NEG | --- | --- | --- |
| Fuel | % | <1.0 | --- | --- | --- |
| Silicon | ppm | █ 8 | --- | --- | --- |
| Sodium | ppm | █ 13 | --- | --- | --- |
| Potassium | ppm | █ 27 | --- | --- | --- |

WEAR METALS

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Iron | ppm | █ 10 | --- | --- | --- |
| Copper | ppm | █ 2 | --- | --- | --- |
| Lead | ppm | █ 0 | --- | --- | --- |
| Tin | ppm | █ <1 | --- | --- | --- |
| Aluminum | ppm | █ 2 | --- | --- | --- |
| Chromium | ppm | █ <1 | --- | --- | --- |
| Molybdenum | ppm | █ 2 | --- | --- | --- |
| Nickel | ppm | █ 0 | --- | --- | --- |
| Titanium | ppm | 0 | --- | --- | --- |
| Silver | ppm | █ 0 | --- | --- | --- |
| Manganese | ppm | █ <1 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |

ADDITIVES

| | | | | | |
|------------|-----|--------|-----|-----|-----|
| Calcium | ppm | █ 2070 | --- | --- | --- |
| Magnesium | ppm | █ 20 | --- | --- | --- |
| Zinc | ppm | █ 1160 | --- | --- | --- |
| Phosphorus | ppm | █ 961 | --- | --- | --- |
| Barium | ppm | █ 0 | --- | --- | --- |
| Boron | ppm | █ 160 | --- | --- | --- |

BAY MARINE

3 E MADISON ST
WAUKEGAN, IL
US 60085

Contact: BRENDAN COWHEY

brendan@baymarine.net

T: (847)336-2628

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP1174336

Unique No: 10795636

Signed: Don Baldrige

Report Date: 21 Dec 2023

OIL ANALYSIS REPORT

VOLVO PENTA

GRAPHS

