

[[01-26544]] MERCUISER OL393568 - PORT DIESEL ENGINE

Sample No: WA0019417

Oil Type: SIERRA 25W40

SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-----|-----|-----|
| Sample Number | WA0019417 | --- | --- | --- |
| Sample Date | 12 Apr 2024 | --- | --- | --- |
| Machine Hours | 1003 | --- | --- | --- |
| Oil Hours | 100 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

CHANTIER BLYACHT

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OIL CONDITION

| | | | | | |
|------------------|----------|-------------|-----|-----|-----|
| Visc @ 100°C | cSt | 13.2 | --- | --- | --- |
| Base Number (BN) | mg KOH/g | 6.44 | --- | --- | --- |
| Oxidation (PA) | % | 40 | --- | --- | --- |

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 suitable for further service.

CONTAMINATION

| | | | | | |
|----------------|-----|----------------|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Soot % | % | 0 | --- | --- | --- |
| Nitration (PA) | % | 58 | --- | --- | --- |
| Sulfation (PA) | % | 51 | --- | --- | --- |
| Glycol | % | NEG | --- | --- | --- |
| Fuel | % | <1.0 | --- | --- | --- |
| Silicon | ppm | 14 | --- | --- | --- |
| Sodium | ppm | 16 | --- | --- | --- |
| Potassium | ppm | 2 | --- | --- | --- |

WEAR METALS

| | | | | | |
|------------|-----|--------------|-----|-----|-----|
| Iron | ppm | 16 | --- | --- | --- |
| Copper | ppm | 23 | --- | --- | --- |
| Lead | ppm | 1 | --- | --- | --- |
| Tin | ppm | <1 | --- | --- | --- |
| Aluminum | ppm | 3 | --- | --- | --- |
| Chromium | ppm | <1 | --- | --- | --- |
| Molybdenum | ppm | 10 | --- | --- | --- |
| Nickel | ppm | <1 | --- | --- | --- |
| Titanium | ppm | <1 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | <1 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |

ADDITIVES

| | | | | | |
|------------|-----|-------------|-----|-----|-----|
| Calcium | ppm | 2010 | --- | --- | --- |
| Magnesium | ppm | 20 | --- | --- | --- |
| Zinc | ppm | 945 | --- | --- | --- |
| Phosphorus | ppm | 765 | --- | --- | --- |
| Barium | ppm | 0 | --- | --- | --- |
| Boron | ppm | 26 | --- | --- | --- |

Depot: CHA122QUE
Unique No: 5763172
Signed: Kevin Marson
Report Date: 19 Apr 2024

08:32:04 Rev: 1

Contact/Location: Service Manager - CHA122QUE

GRAPHS

