



ALEX USLONTSEV 1610044 ZF 2021725 - INBAORD - CENTER GEARBOX

Sample No: VPA051787
Oil Type: {unknown}

| Sample Number Sample Date 18 Mar 2024 18 Mar 2024 19 0 | SAMPLE INFORM | ATION | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------|---------------|------|--|
| Sample Date 18 Mar 2024 | Sample Number | | VPA051787 | | |
| Machine Hours 200 < | | | 18 Mar 2024 | | |
| Oil Changed Sample Status N/A | • | | 200 | | |
| Sample Status NORMAL OIL CONDITION Water % NEG Sodium ppm □2 Sodium ppm □2 Sodium ppm □2 </td <td>Oil Hours</td> <td></td> <td>0</td> <td> </td> <td></td> | Oil Hours | | 0 | | |
| Sample Status NORMAL OIL CONDITION Water % NEG Sodium ppm □2 Sodium ppm □2 Sodium ppm □2 </th <th>Oil Changed</th> <th></th> <th>N/A</th> <th> </th> <th></th> | Oil Changed | | N/A | | |
| Visc @ 40°C cSt accordance accordance | • | | NORMAL | | |
| Vater % NEG | OIL CONDITION | | | | |
| Nater % NEG | Visc @ 40°C | cSt | □ 26.6 | | |
| Silicon ppm 2 </td <td>CONTAMINATION</td> <td>ı</td> <td></td> <td></td> <td></td> | CONTAMINATION | ı | | | |
| Silicon ppm 2 <td< td=""><td>Water</td><td>%</td><td>NEG</td><td> </td><td></td></td<> | Water | % | NEG | | |
| Sodium ppm 2 WEAR METALS WEAR METALS PQ 17 Iron ppm 5 Copper ppm 4 Lead ppm 3 Tin ppm <1 | | | 2 | | |
| Potassium ppm <1 WEAR METALS PQ 17 Iron ppm 5 Copper ppm 4 Lead ppm 3 I'in ppm <1 | Sodium | | | | |
| WEAR METALS PQ 17 Iron ppm 5 Copper ppm 4 Lead ppm 3 Tin ppm <1 | Potassium | | ■ <1 | | |
| Iron | WEAR METALS | | | | |
| Copper ppm 4 Lead ppm 3 Tin ppm <1 | PQ | | ■17 | | |
| Lead ppm 3 Tin ppm <1 | | ppm | ■ 5 | | |
| Tin ppm <1 | Copper | ppm | ■4 | | |
| Aluminum ppm 0 | Lead | ppm | ■ 3 | | |
| Chromium ppm 0 Molybdenum ppm Nickel ppm 0 Titanium ppm 0 Silver ppm 0 Manganese ppm <1 | | ppm | ■<1 | | |
| Molybdenum ppm <1 | | ppm | _ | | |
| Nickel ppm 0 Titanium ppm 0 Silver ppm 0 Manganese ppm <1 | | | | | |
| Titanium ppm 0 Silver ppm 0 Manganese ppm <1 | Molybdenum | ppm | <1 | | |
| Silver ppm 0 Manganese ppm <1 Vanadium ppm <1 ADDITIVES Calcium ppm 7 Magnesium ppm 18 Zinc ppm 0 Phosphorus ppm 143 Barium ppm 0 | | ppm | | | |
| Manganese ppm <1 | | | | | |
| Vanadium ppm <1 ADDITIVES Calcium ppm 7 Magnesium ppm 18 Zinc ppm 0 Phosphorus ppm 143 Barium ppm 0 | | | - | | |
| ADDITIVES Calcium ppm 7 Magnesium ppm 18 Zinc ppm 0 Phosphorus ppm 143 Barium ppm 0 | - | ppm | · · | | |
| Calcium ppm 7 Magnesium ppm 18 Zinc ppm 0 Phosphorus ppm 143 Barium ppm 0 | Vanadium | ppm | <1 | | |
| Magnesium ppm 18 Zinc ppm 0 Phosphorus ppm 143 Barium ppm 0 | ADDITIVES | | | | |
| Magnesium ppm 18 | Calcium | ppm | 7 | | |
| Zinc ppm 0 Phosphorus ppm 143 Barium ppm 0 | Magnesium | | 18 | | |
| Phosphorus ppm 143 Barium ppm 0 | - | | 0 | | |
| Barium ppm 0 | Phosphorus | | 143 | | |
| | • | | 0 | | |
| | Boron | ppm | 75 | | |

Pacific Power Group - VP981534

7215 S 228th St Kent, WA US 98032 Contact: MARINE SERVICES MarineService@pacificpowergroup.com T: (253)520-5151 F:

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.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:
 10956447

 Signed:
 Sean Felton

 Report Date:
 05 Apr 2024

OIL ANALYSIS REPORT



