



CONSTRUCTION EQUIPMENT

ZODIAC MILPRO R100-24404 3100002655 - PORT STERNTHRUSTER



Sample No: VCP052247
Oil Type: VOLVO PENTA TRANS OIL
Job No: R100-24404



SAMPLE INFORMATION

Sample Number	VCP052247	---	---	---
Sample Date	18 Mar 2024	---	---	---
Machine Hours	123	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

CULLEN DIESEL POWER - 695335
 9300 192 ST
 SURREY, BC
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 Contact: Michelle Sayers
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OIL CONDITION

Visc @ 40°C	cSt	█ 108	---	---	---
Visc @ 100°C	cSt	█ 14.8	---	---	---
Viscosity Index (VI)	Scale	141	---	---	---

Diagnosis

Check seals and/or filters for points of contaminant entry. Oil and filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Aluminum and iron ppm levels are abnormal. Bearing wear is indicated. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion. Elemental level of silicon (Si) above normal indicating ingress of seal material. The oil is no longer serviceable as a result of the abnormal and/or severe wear.



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	▲ 34	---	---	---
Sodium	ppm	█ 15	---	---	---
Potassium	ppm	█ 5	---	---	---



WEAR METALS

PQ		█ 2	---	---	---
Iron	ppm	▲ 199	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	▲ 4	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	6	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	8	---	---	---
Magnesium	ppm	43	---	---	---
Zinc	ppm	29	---	---	---
Phosphorus	ppm	1288	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	238	---	---	---

Depot: CULSUR
Unique No: 5759081
Signed: Kevin Marson
Report Date: 03 Apr 2024



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GRAPHS

