



CONSTRUCTION EQUIPMENT

SW0073248 VOLVO A25F 80196 WET - GEARBOX



Sample No: VCP450609
Oil Type: GEAR OIL SAE 80W90
Job No: SWO073248



SAMPLE INFORMATION

Sample Number	VCP450609	---	---	---
Sample Date	01 Jul 2024	---	---	---
Machine Hours	6835	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	MARGINAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 134	---	---	---
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CONTAMINATION

Water	%	▲ 0.228	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ 3	---	---	---



WEAR METALS

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



ADDITIVES

Calcium	ppm	█ 140	---	---	---
Magnesium	ppm	█ 24	---	---	---
Zinc	ppm	█ 197	---	---	---
Phosphorus	ppm	█ 1083	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 48	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot: SAIBIR
Unique No: 11114044
Signed: Don Baldrige
Report Date: 10 Jul 2024



CONSTRUCTION EQUIPMENT

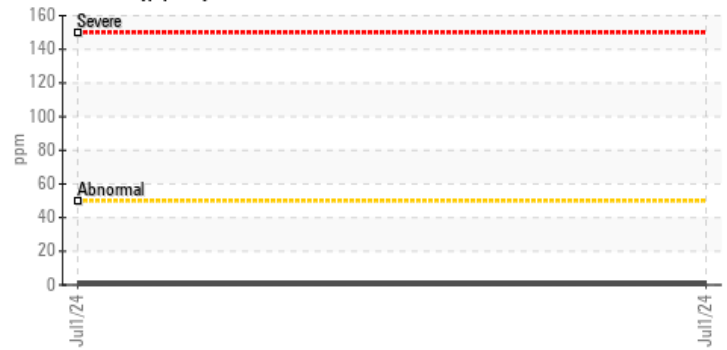


GRAPHS

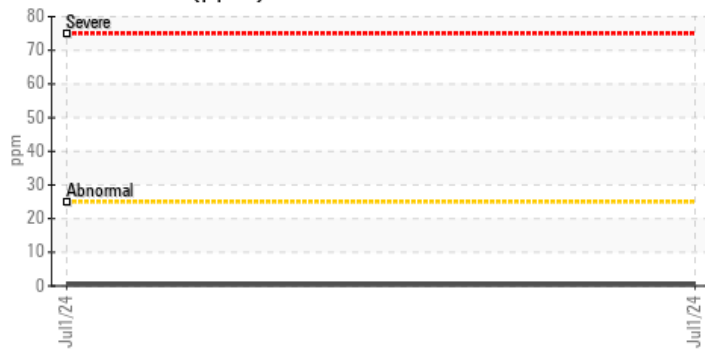
Iron (ppm)



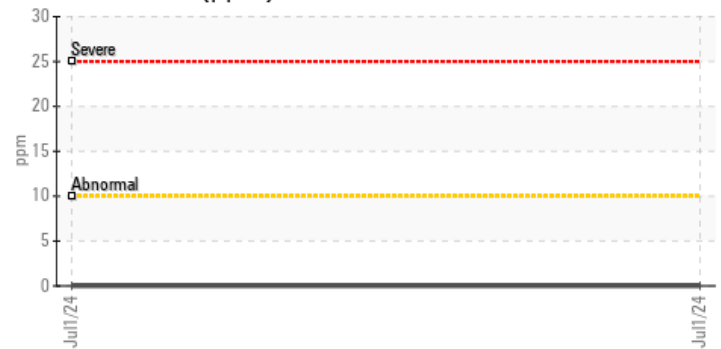
Lead (ppm)



Aluminum (ppm)



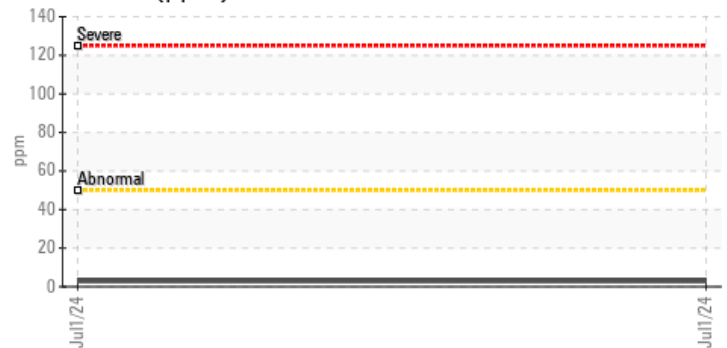
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Water

