



CONSTRUCTION EQUIPMENT

294433 VOLVO EC220E 3 14094 - REAR LEFT FINAL DRIVE



Sample No: VCP281314
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 294433



SAMPLE INFORMATION

Sample Number	VCP281314	---	---	---
Sample Date	10 Aug 2021	---	---	---
Machine Hours	1900	---	---	---
Oil Hours	1900	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

STRONGCO EQUIPMENT INC (STE- FOY)

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OIL CONDITION

Visc @ 40°C	cSt	█ 165	---	---	---
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CONTAMINATION

Silicon	ppm	█ 1120	---	---	---
Sodium	ppm	█ 56	---	---	---
Potassium	ppm	█ 101	---	---	---



WEAR METALS

PQ		▲ 1241	---	---	---
Iron	ppm	▲ 3553	---	---	---
Copper	ppm	█ 7	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	303	---	---	---
Chromium	ppm	█ 28	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	6	---	---	---
Titanium	ppm	█ 21	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	▲ 30	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	226	---	---	---
Magnesium	ppm	█ 52	---	---	---
Zinc	ppm	█ 17	---	---	---
Phosphorus	ppm	█ 1001	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 130	---	---	---

Diagnosis

Nous avons pris note que la vidange d'huile a été effectuée au moment de l'échantillonnage. Confirm the source of the lubricant being utilized for top-up/fill. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. Usure des engrenages. Le haut indice ferreux (PQ) indique la présence d'une usure anormale. Il n'y a aucun indice de contamination dans le l'huile. Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. l'huile n'est plus en état de service en raison d'une usure anormale et/ou sévère.

Depot: VOLVO0228
Unique No: 5266044
Signed: Kevin Marson
Report Date: 13 Aug 2021



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GRAPHS

