



CONSTRUCTION EQUIPMENT

GDS MATANE VOLVO L90H 627157 - DIESEL ENGINE



Sample No: VCP381770
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:



SAMPLE INFORMATION

Sample Number	VCP381770	---	---	---
Sample Date	15 Nov 2023	---	---	---
Machine Hours	545	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

STRONGCO EQUIPMENT INC (STE- FOY)

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OIL CONDITION

Visc @ 100°C	cSt	█ 12.9	---	---	---
Oxidation (PA)	%	█ 76	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	█ 59	---	---	---
Sulfation (PA)	%	█ 60	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 16	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

Nous vous recommandons de vidanger l'huile de ce composant si vous ne l'avez pas déjà fait. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. Usure de piston. Il n'y a aucun indice de contamination dans l'huile. l'huile n'est plus en état de service en raison d'une usure anormale et/ou sévère.



WEAR METALS

Iron	ppm	█ 42	---	---	---
Copper	ppm	█ 7	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	▲ 43	---	---	---
Chromium	ppm	█ 5	---	---	---
Molybdenum	ppm	█ 44	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 1607	---	---	---
Magnesium	ppm	█ 566	---	---	---
Zinc	ppm	█ 1117	---	---	---
Phosphorus	ppm	█ 944	---	---	---
Barium	ppm	█ 4	---	---	---
Boron	ppm	█ 72	---	---	---

Depot: VOLVO0228
Unique No: 5695796
Signed: Kevin Marson
Report Date: 14 Dec 2023



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GRAPHS

