



CONSTRUCTION EQUIPMENT

GDS MATANE VOLVO L90H 627157 - DIESEL ENGINE



Sample No: VCP393852
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:



SAMPLE INFORMATION

Sample Number	VCP393852	VCP381770	---	---
Sample Date	22 Dec 2023	15 Nov 2023	---	---
Machine Hours	1056	545	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	ABNORMAL	---	---

STRONGCO EQUIPMENT INC (STE- FOY)

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OIL CONDITION

Visc @ 100°C	cSt	13.0	12.9	---	---
Oxidation (PA)	%	82	76	---	---



CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	0.1	0.1	---	---
Nitration (PA)	%	58	59	---	---
Sulfation (PA)	%	63	60	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	6	16	---	---
Sodium	ppm	2	4	---	---
Potassium	ppm	<1	<1	---	---

Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.



WEAR METALS

Iron	ppm	20	42	---	---
Copper	ppm	1	7	---	---
Lead	ppm	<1	2	---	---
Tin	ppm	<1	2	---	---
Aluminum	ppm	7	▲ 43	---	---
Chromium	ppm	2	5	---	---
Molybdenum	ppm	41	44	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	<1	4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	1734	1607	---	---
Magnesium	ppm	510	566	---	---
Zinc	ppm	1081	1117	---	---
Phosphorus	ppm	940	944	---	---
Barium	ppm	<1	4	---	---
Boron	ppm	36	72	---	---

Depot: VOLVO0228
Unique No: 5709770
Signed: Wes Davis
Report Date: 15 Jan 2024



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GRAPHS

