



CONSTRUCTION EQUIPMENT

PRODUIT METALLIQUE A/T 375535 VOLVO L90H 625357 - DIESEL ENGINE



Sample No: VCP391604
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 375535



SAMPLE INFORMATION

Sample Number	VCP391604	VCP275170	---	---
Sample Date	25 Aug 2023	01 Nov 2020	---	---
Machine Hours	3581	520	---	---
Oil Hours	0	500	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

STRONGCO EQUIPMENT INC (STE- FOY)

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OIL CONDITION

Visc @ 100°C	cSt	13.0	11.9	---	---
Oxidation (PA)	%	82	69	---	---



CONTAMINATION

Soot %	%	0.1	0	---	---
Nitration (PA)	%	66	67	---	---
Sulfation (PA)	%	59	57	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	0.8	---	---
Silicon	ppm	7	17	---	---
Sodium	ppm	3	5	---	---
Potassium	ppm	<1	2	---	---

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	10	23	---	---
Copper	ppm	2	8	---	---
Lead	ppm	0	1	---	---
Tin	ppm	<1	3	---	---
Aluminum	ppm	5	7	---	---
Chromium	ppm	<1	2	---	---
Molybdenum	ppm	43	27	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	1728	1359	---	---
Magnesium	ppm	515	640	---	---
Zinc	ppm	916	1039	---	---
Phosphorus	ppm	836	894	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	35	50	---	---

Depot: VOLVO0228
Unique No: 5643466
Signed: Wes Davis
Report Date: 14 Sep 2023



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GRAPHS

