



CONSTRUCTION EQUIPMENT

GDS MARSOUI VOLVOV 627037 - DIESEL ENGINE



Sample No: VCP392137
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:



SAMPLE INFORMATION

Sample Number	VCP392137	VCP380377	---	---
Sample Date	15 Nov 2023	13 Sep 2023	---	---
Machine Hours	1030	316	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

STRONGCO EQUIPMENT INC (STE- FOY)

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OIL CONDITION

Visc @ 100°C	cSt	13.4	12.8	---	---
Oxidation (PA)	%	82	71	---	---



CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	0.3	0.1	---	---
Nitration (PA)	%	68	52	---	---
Sulfation (PA)	%	62	59	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	9	17	---	---
Sodium	ppm	3	4	---	---
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	26	22	---	---
Copper	ppm	2	7	---	---
Lead	ppm	<1	1	---	---
Tin	ppm	1	2	---	---
Aluminum	ppm	5	14	---	---
Chromium	ppm	2	2	---	---
Molybdenum	ppm	50	45	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	<1	---	---
Manganese	ppm	<1	4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	1720	1560	---	---
Magnesium	ppm	520	558	---	---
Zinc	ppm	1158	1102	---	---
Phosphorus	ppm	962	951	---	---
Barium	ppm	2	4	---	---
Boron	ppm	75	81	---	---

Depot: VOLVO0228
Unique No: 5695798
Signed: Wes Davis
Report Date: 13 Dec 2023



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GRAPHS

