



CONSTRUCTION EQUIPMENT

GDS MARSOUI 377588 VOLVOV 627037 - DIESEL ENGINE



Sample No: VCP380377
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 377588



SAMPLE INFORMATION

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

STRONGCO EQUIPMENT INC (STE- FOY)

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OIL CONDITION

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



CONTAMINATION

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	█ 52	---	---	---
Sulfation (PA)	%	█ 59	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 17	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 2	---	---	---

Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux de métaux sont typiques pour la période de rodage d'un nouveau composant. 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	█ 22	---	---	---
Copper	ppm	█ 7	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	█ 14	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 45	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 1560	---	---	---
Magnesium	ppm	█ 558	---	---	---
Zinc	ppm	█ 1102	---	---	---
Phosphorus	ppm	█ 951	---	---	---
Barium	ppm	█ 4	---	---	---
Boron	ppm	█ 81	---	---	---

Depot: VOLVO0228
Unique No: 5645887
Signed: Wes Davis
Report Date: 25 Sep 2023



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GRAPHS

