



CONSTRUCTION EQUIPMENT

TEREXCA 405457 VOLVO L60H 623244 - DIESEL ENGINE



Sample No: VCP449457
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 405457



SAMPLE INFORMATION

Sample Number	VCP449457	---	---	---
Sample Date	23 May 2024	---	---	---
Machine Hours	667	---	---	---
Oil Hours	667	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



STRONGCO EQUIPMENT INC (STE- FOY)

175, rue de Rotterdam
 St-Augustin-de-Desmaures, QC
 CA G3A 2K2
 Contact: Michel Lepage
 mlepage@strongco.com
 T: (418)870-1700
 F: (418)870-1701



OIL CONDITION

Visc @ 40°C	cSt	■ 91.5	---	---	---
Visc @ 100°C	cSt	■ 12.5	---	---	---
Viscosity Index (VI)	Scale	■ 131	---	---	---
Oxidation (PA)	%	76	---	---	---

Diagnosis

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



CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	■ 0.1	---	---	---
Nitration (PA)	%	71	---	---	---
Sulfation (PA)	%	61	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	■ 21	---	---	---
Sodium	ppm	■ 5	---	---	---
Potassium	ppm	■ 1	---	---	---



WEAR METALS

Iron	ppm	■ 37	---	---	---
Copper	ppm	■ 11	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 3	---	---	---
Aluminum	ppm	■ 14	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 42	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 5	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 1591	---	---	---
Magnesium	ppm	■ 621	---	---	---
Zinc	ppm	■ 1116	---	---	---
Phosphorus	ppm	■ 969	---	---	---
Barium	ppm	■ 4	---	---	---
Boron	ppm	■ 37	---	---	---

Depot: VOLVO0228
Unique No: 5788088
Signed: Wes Davis
Report Date: 30 May 2024



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GRAPHS

