



CONSTRUCTION EQUIPMENT

VOLVO EC460BLC 10826 - DIESEL ENGINE



Sample No: VCP334058
Oil Type: SHELL ROTELLA T6 5W40
Job No:



SAMPLE INFORMATION

Sample Number	VCP334058	VCP204407	---	---
Sample Date	11 Mar 2024	11 Mar 2019	---	---
Machine Hours	17167	14249	---	---
Oil Hours	600	500	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

EXCAVATION MCBM INC
 1383 ROUTE 122
 ST-EDMOND- DE-GRANTHAM, QC
 CA J0C 1K0
 Contact: Denis Foegues
 denis.forgues@mcbm.ca
 T: (819)395-2015
 F:



OIL CONDITION

Visc @ 100°C	cSt	13.4	14.0	---	---
Oxidation (PA)	%	72	71	---	---



CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	0.1	0	---	---
Nitration (PA)	%	70	68	---	---
Sulfation (PA)	%	61	61	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	3	3	---	---
Sodium	ppm	2	3	---	---
Potassium	ppm	2	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	8	5	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	2	1	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	2	2	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	1962	1937	---	---
Magnesium	ppm	82	81	---	---
Zinc	ppm	1036	1078	---	---
Phosphorus	ppm	863	890	---	---
Barium	ppm	0	0	---	---
Boron	ppm	112	148	---	---

Depot: EXC138STE
Unique No: 5747013
Signed: Wes Davis
Report Date: 14 Mar 2024



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GRAPHS

