



CONSTRUCTION EQUIPMENT

BEGIN BEGIN SENNEBOGEN 830E 83003762 (S/N 830.0.3762) - DIESEL ENGINE



Sample No: VCP379600
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No:



SAMPLE INFORMATION

Sample Number	VCP379600	---	---	---
Sample Date	02 Feb 2024	---	---	---
Machine Hours	544	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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 @ 100°C	cSt	▲ 11.3	---	---	---
Oxidation (PA)	%	67	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	■ 0	---	---	---
Nitration (PA)	%	82	---	---	---
Sulfation (PA)	%	55	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	■ 0.6	---	---	---
Silicon	ppm	■ 24	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 2	---	---	---

Diagnosis

Aucune mesure corrective n'est recommandée pour l'instant. 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. La teneur en carburant est négligeable. Il n'y a aucun indice de contamination dans l'huile. La viscosité de l'échantillon se situe dans la portée de l'SAE 30; nous vous conseillons de vérifier. L'état de l'huile est acceptable pour la durée de service.

WEAR METALS

Iron	ppm	■ 22	---	---	---
Copper	ppm	■ 32	---	---	---
Lead	ppm	■ 2	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ < 1	---	---	---
Molybdenum	ppm	■ 89	---	---	---
Nickel	ppm	■ < 1	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 2248	---	---	---
Magnesium	ppm	■ 60	---	---	---
Zinc	ppm	■ 1184	---	---	---
Phosphorus	ppm	■ 994	---	---	---
Barium	ppm	■ 2	---	---	---
Boron	ppm	■ 51	---	---	---

Depot: VOLVO0228
Unique No: 5724621
Signed: Kevin Marson
Report Date: 15 Feb 2024



CONSTRUCTION EQUIPMENT



GRAPHS

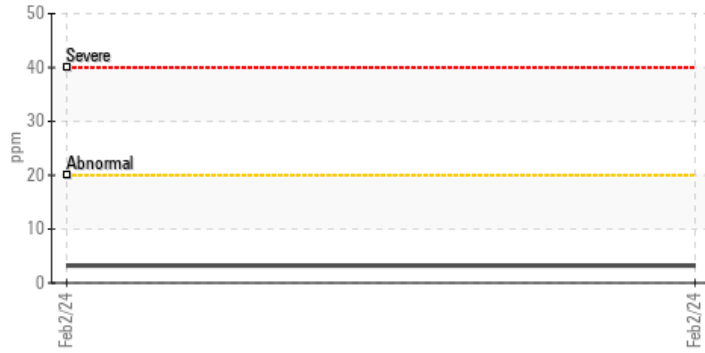
Iron (ppm)



Lead (ppm)



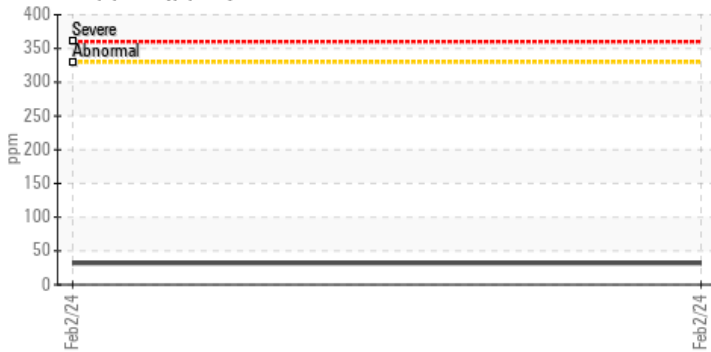
Aluminum (ppm)



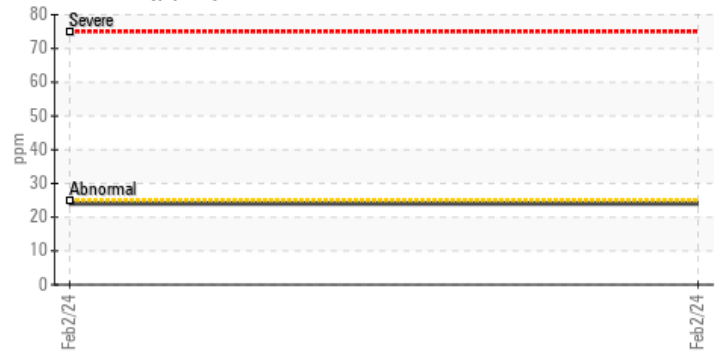
Chromium (ppm)



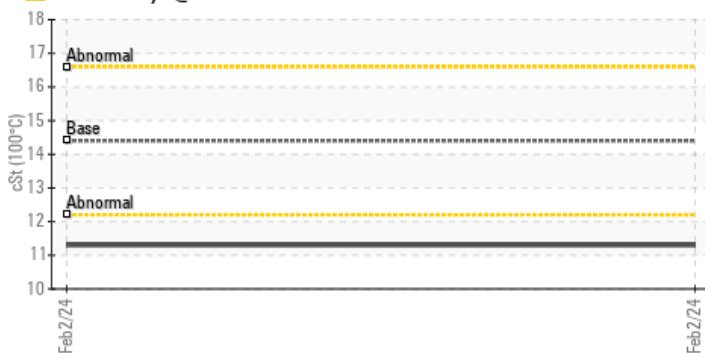
Copper (ppm)



Silicon (ppm)



▲ Viscosity @ 100°C



Soot %

