



CONSTRUCTION EQUIPMENT

268748 VOLVO EC220DL 210778 - SWING DRIVE



Sample No: VCP275013
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 268748



SAMPLE INFORMATION

Sample Number	VCP275013	VCP231836	VCP213799	VCP174714
Sample Date	21 Dec 2020	25 Mar 2019	28 May 2018	13 Oct 2015
Machine Hours	6942	5006	4038	0
Oil Hours	1000	0	0	0
Oil Changed	Changed	Changed	Changed	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

STRONGCO EQUIPMENT INC (STE- FOY)

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OIL CONDITION

Visc @ 40°C	cSt	141	142	143	175
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CONTAMINATION

Silicon	ppm	17	11	14	15
Sodium	ppm	1	<1	1	<1
Potassium	ppm	<1	<1	<1	<1



WEAR METALS

Iron	ppm	552	182	235	147
Copper	ppm	11	6	10	8
Lead	ppm	<1	<1	<1	<1
Tin	ppm	<1	0	0	<1
Aluminum	ppm	2	<1	1	1
Chromium	ppm	7	2	3	3
Molybdenum	ppm	<1	<1	0	<1
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	<1	0	<1	<1
Silver	ppm	<1	0	0	0
Manganese	ppm	6	2	3	3
Vanadium	ppm	<1	0	<1	0



ADDITIVES

Calcium	ppm	25	14	9	6
Magnesium	ppm	10	7	8	<1
Zinc	ppm	38	26	32	10
Phosphorus	ppm	924	894	915	456
Barium	ppm	0	0	<1	2
Boron	ppm	135	138	129	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 le l'huile. L'état de l'huile est acceptable pour la durée de service.

Depot: VOLVO0228
Unique No: 5150345
Signed: Wes Davis
Report Date: 23 Dec 2020



CONSTRUCTION EQUIPMENT



GRAPHS

