



CONSTRUCTION EQUIPMENT

VOLVO EC160EL 310424 - SWING DRIVE



Sample No: VCP412647
Oil Type: DRYDENE LIMITED SLIP GEAR 80W90
Job No:



DH FUNK AND SONS LLC
 3995 CONTINENTAL DRIVE
 COLUMBIA, PA
 US 17512
 Contact: GARY SHEPHERD
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 T:
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SAMPLE INFORMATION

Sample Number	VCP412647	VCP361155	---	---
Sample Date	20 Nov 2023	14 Jun 2022	---	---
Machine Hours	4000	3000	---	---
Oil Hours	1000	1000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	126	124.3	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	8	8	---	---
Sodium	ppm	<1	0	---	---
Potassium	ppm	<1	<1	---	---



WEAR METALS

Iron	ppm	67	99	---	---
Copper	ppm	2	3	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	3	---	---
Chromium	ppm	0	1	---	---
Molybdenum	ppm	4	2	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	73	106	---	---
Magnesium	ppm	20	35	---	---
Zinc	ppm	55	65	---	---
Phosphorus	ppm	859	879	---	---
Barium	ppm	0	0	---	---
Boron	ppm	135	164	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: DHFCOL
Unique No: 10755953
Signed: Sean Felton
Report Date: 28 Nov 2023



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GRAPHS

