



CONSTRUCTION EQUIPMENT

0630 VOLVO EC750E 314043 - RIGHT SWING DRIVE



Sample No: VCP439246
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 0630



SAMPLE INFORMATION

Sample Number	VCP439246	VCP440111	VCP417716	VCP400784
Sample Date	17 Jan 2024	21 Sep 2023	05 Jul 2023	20 Apr 2023
Machine Hours	4913	4441	3974	3513
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	SEVERE	NORMAL	NORMAL	NORMAL

BLUE GOOSE GROWERS
 16059 W ORANGE AVE
 FT PIERCE, FL
 US 34945
 Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 40°C	cSt	312	301	250	250
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T: (772)461-3020
 F:



CONTAMINATION

Water	%	2.65	NEG	NEG	NEG
Silicon	ppm	10	7	7	7
Sodium	ppm	4	0	<1	<1
Potassium	ppm	1	<1	0	0

Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. All component wear rates are normal. Appearance is unacceptable. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.



WEAR METALS

Iron	ppm	187	39	137	145
Copper	ppm	9	2	9	13
Lead	ppm	<1	<1	0	0
Tin	ppm	2	0	0	0
Aluminum	ppm	1	0	<1	<1
Chromium	ppm	1	<1	<1	<1
Molybdenum	ppm	3	3	8	8
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	<1	<1	2
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	71	67	130	141
Magnesium	ppm	16	16	39	45
Zinc	ppm	55	52	100	105
Phosphorus	ppm	1069	1021	992	963
Barium	ppm	1	0	0	0
Boron	ppm	139	199	169	170

Depot: BLUFOR
Unique No: 10845459
Signed: Sean Felton
Report Date: 25 Jan 2024



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VOLVO GRAPHS

