



CONSTRUCTION EQUIPMENT

SWO685498 BULK EXP VOLVO EC220 314140 - RIGHT TRACK DRIVE



Sample No: VCP321302
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWO685498 BULK EXP



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SAMPLE INFORMATION

Sample Number	VCP321302	VCP316195	---	---
Sample Date	10 Aug 2021	20 Mar 2021	---	---
Machine Hours	2421	1067	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	186	186	---	---
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CONTAMINATION

Silicon	ppm	12	7	---	---
Sodium	ppm	3	3	---	---
Potassium	ppm	<1	0	---	---



WEAR METALS

Iron	ppm	444	332	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	6	5	---	---
Molybdenum	ppm	1	0	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	6	4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	10	7	---	---
Magnesium	ppm	2	2	---	---
Zinc	ppm	15	18	---	---
Phosphorus	ppm	383	347	---	---
Barium	ppm	0	1	---	---
Boron	ppm	11	0	---	---

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: VOLVO0095
Unique No: 9619889
Signed: Don Baldrige
Report Date: 15 Aug 2021



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GRAPHS

