CONSTRUCTION EQUIPMENT

Sample No: VCP434878

Boron

VOLVO

 Oil Type:
 VOLVO PREMIUM GEAR OIL 80W-90 GL-5

 Job No:
 3040

	E INFORMATION					
Sample Number		VCP434878				
Sample Date		18 Jun 2024				LEONARDS CONTRACTING
Machine Hours		1515				30850 STEPHENSON HWY
Oil Hours		0				MADISON HEIGHTS, MI
Oil Changed		Not Changd				US 48071
Sample Status		SEVERE				Contact: LARRY SCHRADE
Sumple Status						larry.schrade@sdevelop.com
VOLVO						T: (810)499-1953
V OIL CON	IDITION					F: x:
Visc @ 40°C	cSt	178				
						Diamaria
	MINATION					Diagnosis
						We advise that you check all areas
Water	%	NEG				where dirt can enter the system. We
Silicon	ppm	<b>1</b> 586				recommend that you drain the oil
Sodium	ppm	<b>4</b> 3				from the component if this has not already been done. We advise that
Potassium	ppm	87				you inspect for the source(s) of wear.
VOLVO						We recommend an early resample to
WEAR METALS						monitor this condition.Gear wear is
Iron	ppm	<b>4700</b>				indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate
Copper	ppm	5				alumina-silicate (coarse dirt) ingress.
Lead	ppm	0				The oil is no longer serviceable due
Tin	ppm	0				to the presence of contaminants.
Aluminum	ppm	🦲 206				·
Chromium	ppm	<b>4</b> 1				
Molybdenum	ppm	5				
Nickel	ppm	<b>1</b> 2				
Titanium	ppm	<b>1</b> 2				
Silver	ppm	0				
Manganese	ppm	48				
Vanadium	ppm	<1				
ADDITI	VES					
Calcium	ppm	443				-
Magnesium	ppm	106				
Zinc	ppm	32				
Phosphorus	ppm	322				
Barium	ppm	3				
50	PP'''					

## Depot:LEOMADUnique No:11099784Signed:Jonathan HesterReport Date:28 Jun 2024Contact/Location: LARRY SCHRADE - LEOMAD

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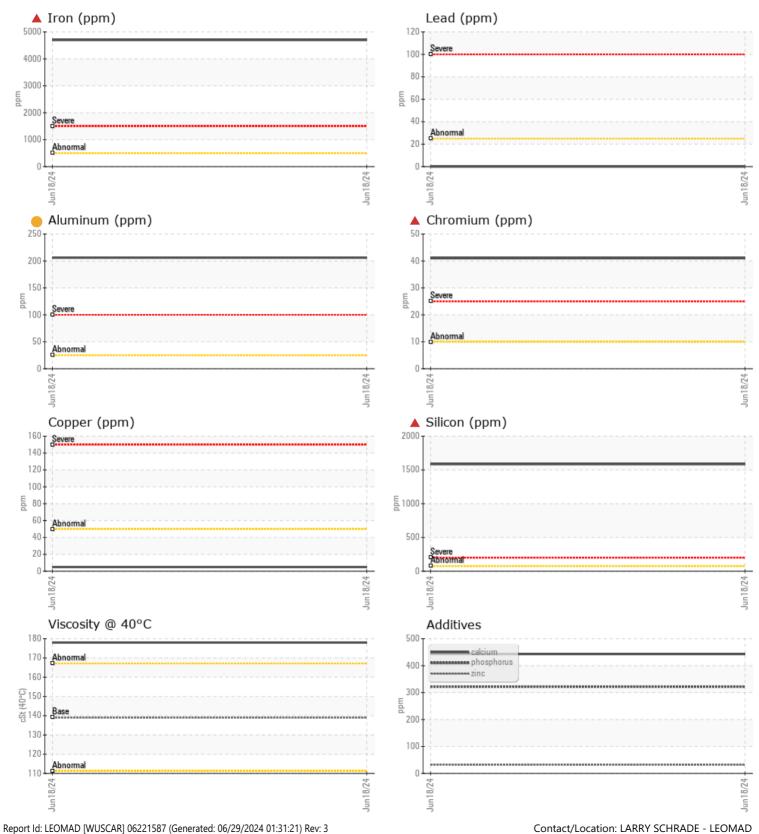
ppm

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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