

LIEBHERR

CONSTRUCTION EQUIPMENT



115070 - Auxiliary Winch

Sample No: LH0289457

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Sample Information

Sample Number	LH0289457	LH0242623	---	---
Sample Date	04 Apr 2024	17 Oct 2022	---	---
Machine Hours	1873	325	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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 1015 SUTTON DRIVE
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Oil Condition

Visc @ 40°C	cSt	149	184	---	---
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Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	3	1	---	---
Sodium	ppm	4	5	---	---
Potassium	ppm	2	2	---	---



Wear Metals

Iron	ppm	29	25	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



Additives

Calcium	ppm	25	22	---	---
Magnesium	ppm	1	<1	---	---
Zinc	ppm	45	35	---	---
Phosphorus	ppm	848	746	---	---
Barium	ppm	1	1	---	---
Boron	ppm	86	1	---	---

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: LIEMIS
 Unique No: 5760865
 Signed: Wes Davis
 Report Date: 09 Apr 2024



Graphs

