

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R974 027581-1084 - Left Final Drive

Sample No: LH
Oil Type: SAE 75W90



QIT - Rio Tinto Fer et Titane Inc.
1625 Rte Marie Victorin
Sorel-Tracy, QC
CA J3R 1M6
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SAMPLE INFORMATION

Sample Number	LH	LH0203740	---	---
Sample Date	23 Feb 2024	18 Aug 2021	---	---
Machine Hours	0	30498	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ATTENTION	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	104	116	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	49	6	---	---
Sodium	ppm	10	2	---	---
Potassium	ppm	5	<1	---	---



WEAR METALS

Iron	ppm	137	153	---	---
Copper	ppm	40	18	---	---
Lead	ppm	1	<1	---	---
Tin	ppm	<1	1	---	---
Aluminum	ppm	22	2	---	---
Chromium	ppm	1	<1	---	---
Molybdenum	ppm	2	<1	---	---
Nickel	ppm	1	<1	---	---
Titanium	ppm	31	5	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	1	1	---	---
Vanadium	ppm	<1	<1	---	---



ADDITIVES

Calcium	ppm	3000	529	---	---
Magnesium	ppm	40	7	---	---
Zinc	ppm	929	231	---	---
Phosphorus	ppm	1070	1095	---	---
Barium	ppm	0	0	---	---
Boron	ppm	5	141	---	---

Diagnosis

Confirmez la source du lubrifiant utilisé pour l'appoint/remplissage. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. Les taux d'usure de tous les autres composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. L'état de l'huile est acceptable pour la durée de service.

Depot: QITGARAGE
Unique No: 5736136
Signed: Kevin Marson
Report Date: 29 Feb 2024



GRAPHS

