

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R945 056625-1866 - Left Final Drive

Sample No: LH0256360

Oil Type: LIEBHERR GEAR BASIC 90 LS



SINTRA INC. DIVISION OUEST
 499 CHEMIN FORET
 ST-PAUL, QC
 CA J0K 3E0
 Contact: Service Manager



SAMPLE INFORMATION

Sample Number	LH0256360	---	---	---
Sample Date	18 Aug 2023	---	---	---
Machine Hours	502	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 196	---	---	---
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CONTAMINATION

Silicon	ppm	● 3	---	---	---
Sodium	ppm	● 3	---	---	---
Potassium	ppm	● 3	---	---	---



WEAR METALS

Iron	ppm	● 147	---	---	---
Copper	ppm	● <1	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● 2	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	18	---	---	---
Magnesium	ppm	● 1	---	---	---
Zinc	ppm	● 15	---	---	---
Phosphorus	ppm	1181	---	---	---
Barium	ppm	● 17	---	---	---
Boron	ppm	● <1	---	---	---

T:
F:

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les 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: SIN499STP
Unique No: 5630641
Signed: Wes Davis
Report Date: 22 Aug 2023



GRAPHS

