

LIEBHERR

CONSTRUCTION EQUIPMENT



[(345481)] 128862-1216 - Transmission (Manual)

Sample No: LH

Oil Type: PETRO CANADA DURON UHP 5W30



SAMPLE INFORMATION

Sample Number	LH	LH0251057	LH0235628	LH0192114
Sample Date	17 Jul 2023	09 Feb 2023	07 Jun 2022	15 Dec 2021
Machine Hours	3940	3024	1862	0
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

American Iron and Metal
 10171 AVE PELLETIER
 MONTREAL-NORD, QC
 CA H1H 3R2
 Contact: Allen Singerman



OIL CONDITION

Visc @ 40°C	cSt	58.9	60.8	55.4	57.7
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T:
F:



CONTAMINATION

Element	ppm	3	4	4	5
Silicon	ppm	3	4	4	5
Sodium	ppm	8	10	17	25
Potassium	ppm	<1	<1	2	2

Diagnosis

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 le fluide. L'état de le fluide est acceptable pour la durée de service.



WEAR METALS

Element	ppm	6	15	9	34
Iron	ppm	6	15	9	34
Copper	ppm	23	26	12	15
Lead	ppm	<1	<1	<1	<1
Tin	ppm	1	2	<1	<1
Aluminum	ppm	1	2	2	2
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	53	50	41	29
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	4	7	6	8
Vanadium	ppm	0	0	0	<1



ADDITIVES

Element	ppm	1138	1458	1586	2201
Calcium	ppm	1138	1458	1586	2201
Magnesium	ppm	975	855	762	488
Zinc	ppm	1195	1202	1174	1227
Phosphorus	ppm	1112	1157	1130	1130
Barium	ppm	<1	<1	1	2
Boron	ppm	35	16	31	5

Depot: AIM101MON
Unique No: 5616515
Signed: Wes Davis
Report Date: 21 Jul 2023



GRAPHS

