

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH40C103882-1527 - Diesel Engine

Sample No: LH0224451

Oil Type: DIESEL ENGINE OIL SAE 10W30



INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0224451	LH0178204	LH0261467	LH0247335
Date d'échant.	16 Nov 2023	27 Oct 2023	29 Jun 2023	08 Mar 2023
Heures de la Machine	7018	9607	9040	8400
Heures de l'huile	737	500	640	500
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

DOMINION NICKEL ALLOYS LTD.

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ÉTAT D'HUILE

Visc 100°C	cSt	11.2	11.5	11.3	11.1
Oxydation (PA)	%	70	52	80	72



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	83	48	90	86
Sulfatation (PA)	%	59	53	64	64
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	7	6	6	7
Sodium	ppm	2	2	2	1
Potassium	ppm	<1	1	<1	<1

Diagnostic

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



MÉTAUX D'USURE

Fer	ppm	4	2	5	5
Cuivre	ppm	2	<1	1	3
Plomb	ppm	<1	0	<1	<1
Étain	ppm	0	0	0	<1
Aluminium	ppm	1	1	<1	1
Chrome	ppm	0	0	<1	0
Molybdène	ppm	59	25	66	68
Nickel	ppm	0	0	0	0
Titane	ppm	<1	7	<1	<1
Argent	ppm	<1	<1	0	0
Manganèse	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	1771	1473	1754	1704
Magnésium	ppm	487	556	452	389
Zinc	ppm	1243	1116	1221	1092
Phosphore	ppm	1043	962	1067	941
Baryum	ppm	<1	<1	0	0
Bore	ppm	64	97	46	52

Depot: DOMBUR
Unique No: 5682133
Signed: Wes Davis
Report Date: 17 Nov 2023



GRAPHS

