



[RIO TINTO] LIEBHERR R974 444 - Diesel Engine

Sample No: LH0260751

Oil Type: SAFETY-KLEEN PERFORMANCE PLUS XHD-7 15W40



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0260751	---	---	---
Date d'échant.	21 Jun 2023	---	---	---
Heures de la Machine	11735	---	---	---
Heures de l'huile	0	---	---	---
Huile changée	Not Chngd	---	---	---
Statut de l'échant.	NORMAL	---	---	---

LIEBHERR CANADA LTEE
 4250 AUTOROUTE CHOMEDEY 13
 LAVAL, QC
 CA H7R 6E9
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 T:
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ÉTAT D'HUILE

Visc 40°C	cSt	● 104	---	---	---
Visc 100°C	cSt	● 14.5	---	---	---
Indice de viscosité (VI)	Scale	● 143	---	---	---
Oxydation (PA)	%	55	---	---	---

Diagnostic

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux de métaux sont typiques pour la période de rodage d'un nouveau composant. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.



CONTAMINATION

% de suie	%	● 0	---	---	---
Nitration (PA)	%	39	---	---	---
Sulfatation (PA)	%	49	---	---	---
Glycol	%	● 0.0	---	---	---
Essence	%	<1.0	---	---	---
Silicium	ppm	● 8	---	---	---
Sodium	ppm	● 3	---	---	---
Potassium	ppm	● 7	---	---	---



MÉTAUX D'USURE

Fer	ppm	● 4	---	---	---
Cuivre	ppm	● 3	---	---	---
Plomb	ppm	● <1	---	---	---
Étain	ppm	● 0	---	---	---
Aluminium	ppm	● 1	---	---	---
Chrome	ppm	● 0	---	---	---
Molybdène	ppm	● 46	---	---	---
Nickel	ppm	● 0	---	---	---
Titane	ppm	<1	---	---	---
Argent	ppm	● 0	---	---	---
Manganèse	ppm	● <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIFS

Calcium	ppm	● 1081	---	---	---
Magnésium	ppm	● 915	---	---	---
Zinc	ppm	● 1073	---	---	---
Phosphore	ppm	● 986	---	---	---
Baryum	ppm	● 15	---	---	---
Bore	ppm	● 33	---	---	---

Depot: LIESTL
Unique No: 5604546
Signed: Wes Davis
Report Date: 30 Jun 2023



GRAPHS

