

Sample No:

Oil Type:

SAMPLE INFORMATION

Sample Number	LH0133896	LHMC78594	---	---
Sample Date	03 Dec 2018	05 Nov 2015	---	---
Machine Hours	7615	256	---	---
Oil Hours	0	256	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

Contact:

T:

F:

OIL CONDITION

Visc @ 100°C	cSt	13.8	14.21	---	---
Oxidation (PA)	%	71	64	---	---

Diagnosis

CONTAMINATION

Soot %	%	0	0	---	---
Nitration (PA)	%	58	67	---	---
Sulfation (PA)	%	55	55	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	9	10	---	---
Sodium	ppm	16	5	---	---
Potassium	ppm	2	28	---	---

WEAR METALS

Iron	ppm	12	38	---	---
Copper	ppm	6	51	---	---
Lead	ppm	<1	6	---	---
Tin	ppm	0	7	---	---
Aluminum	ppm	8	14	---	---
Chromium	ppm	0	1	---	---
Molybdenum	ppm	6	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	<1	2	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	1551	2658	---	---
Magnesium	ppm	625	19	---	---
Zinc	ppm	844	793	---	---
Phosphorus	ppm	721	611	---	---
Barium	ppm	0	32	---	---
Boron	ppm	132	<1	---	---

Depot:

Unique No:

Signed:

Report Date:

GRAPHS

