

Sample No:

Oil Type:

SAMPLE INFORMATION

Sample Number	VCP249242	VCP220421	VCP191635	VCP194103
Sample Date	01 Oct 2020	09 Dec 2018	24 Jul 2017	13 Jun 2017
Machine Hours	2933	2065	686	536
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	SEVERE	SEVERE	NORMAL	ABNORMAL

Contact:

T:

F:

OIL CONDITION

Visc @ 40°C	cSt	310	237.0	173.5	174.2
-------------	-----	------------	-------	-------	-------

Diagnosis

CONTAMINATION

Water	%	0.392	---	---	---
Silicon	ppm	1984	844	64	66
Sodium	ppm	7	3	2	2
Potassium	ppm	99	32	8	5

WEAR METALS

Iron	ppm	3680	1500	364	233
Copper	ppm	7	3	<1	1
Lead	ppm	<1	<1	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	252	107	11	12
Chromium	ppm	54	26	5	4
Molybdenum	ppm	9	0	0	0
Nickel	ppm	6	2	<1	<1
Titanium	ppm	33	14	1	1
Silver	ppm	0	<1	0	0
Manganese	ppm	23	12	4	3
Vanadium	ppm	1	<1	<1	0

ADDITIVES

Calcium	ppm	198	239	12	9
Magnesium	ppm	52	19	4	0
Zinc	ppm	53	92	12	12
Phosphorus	ppm	968	829	392	444
Barium	ppm	0	<1	1	1
Boron	ppm	169	116	<1	2

Depot:

Unique No:

Signed:

Report Date:

GRAPHS

