

Sample No:

Oil Type:

SAMPLE INFORMATION

Sample Number	VCP279049	VCP254514	VCP228461	---
Sample Date	28 Aug 2020	02 Aug 2019	01 Mar 2018	---
Machine Hours	6012	3986	1988	---
Oil Hours	2000	3986	1988	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

Contact:

T:

F:

OIL CONDITION

Visc @ 40°C	cSt	■ 42.5	■ 41.6	■ 42.4	---
Acid Number (AN)	mg KOH/g	■ 0.428	■ 0.583	■ 0.470	---

Diagnosis

CONTAMINATION

Particles >4µm		■ 341	■ 2088	■ 1236	---
Particles >6µm		■ 100	■ 481	■ 36	---
Particles >14µm		■ 9	■ 46	■ 3	---
ISO 4406:1999 (c)		16/14/10	18/16/13	17/12/9	---
Silicon	ppm	■ 7	■ 6	■ 4	---
Sodium	ppm	■ 1	■ <1	■ <1	---
Potassium	ppm	■ 1	■ <1	■ 0	---

WEAR METALS

Iron	ppm	■ 13	■ 9	■ 5	---
Copper	ppm	■ 19	■ 20	■ 24	---
Lead	ppm	■ <1	■ <1	■ 1	---
Tin	ppm	■ 0	■ <1	■ <1	---
Aluminum	ppm	■ 2	■ 2	■ <1	---
Chromium	ppm	■ 4	■ 2	■ <1	---
Molybdenum	ppm	■ <1	■ <1	■ <1	---
Nickel	ppm	■ 0	■ 0	■ 0	---
Titanium	ppm	■ <1	■ 0	■ 0	---
Silver	ppm	■ 0	■ 0	■ 0	---
Manganese	ppm	■ <1	■ <1	■ 0	---
Vanadium	ppm	■ 0	■ 0	■ 0	---

ADDITIVES

Calcium	ppm	■ 79	■ 102	■ 87	---
Magnesium	ppm	■ 5	■ 6	■ 0	---
Zinc	ppm	■ 421	■ 422	■ 515	---
Phosphorus	ppm	■ 340	■ 340	■ 373	---
Barium	ppm	■ 0	■ 0	■ 0	---
Boron	ppm	■ 1	■ 1	■ <1	---

Depot:

Unique No:

Signed:

Report Date:

GRAPHS

