

MILACRON EXT 1 (S/N E10TPAA160036) - GEARBOX

Sample No: RP0028968
Oil Type: CASTROL CIP

SAMPLE INFORMATION

Sample Number	RP0028968	RP0028988	RP0020821	RP0020819
Sample Date	21 Dec 2023	28 Jun 2023	17 Jan 2023	28 Jul 2022
Machine Hours	45702	44308	43584	42069
Oil Hours	0	0	0	0
Oil Changed	N/A	N/A	N/A	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

WESTLAKE CHEMICAL - WESTFIELD
 44 GREIF WAY
 WESTFIELD, MA
 US 01085
 Contact: MICHAEL WINN
 michael_winn@westlake.net
 T: (413)485-0161
 F:

OIL CONDITION

Visc @ 40°C	cSt	297	297	294	296
Acid Number (AN)	mg KOH/g	0.59	0.68	0.62	0.62

CONTAMINATION

Water	%	0.010	0.009	0.005	0.006
Silicon	ppm	<1	<1	1	<1
Sodium	ppm	<1	<1	1	0
Potassium	ppm	0	<1	0	0

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The water content is negligible. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

WEAR METALS

Iron	ppm	7	8	7	8
Copper	ppm	<1	0	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	<1	0	1
Aluminum	ppm	0	0	0	2
Chromium	ppm	0	0	0	0
Molybdenum	ppm	21	11	1	3
Nickel	ppm	0	0	0	1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0

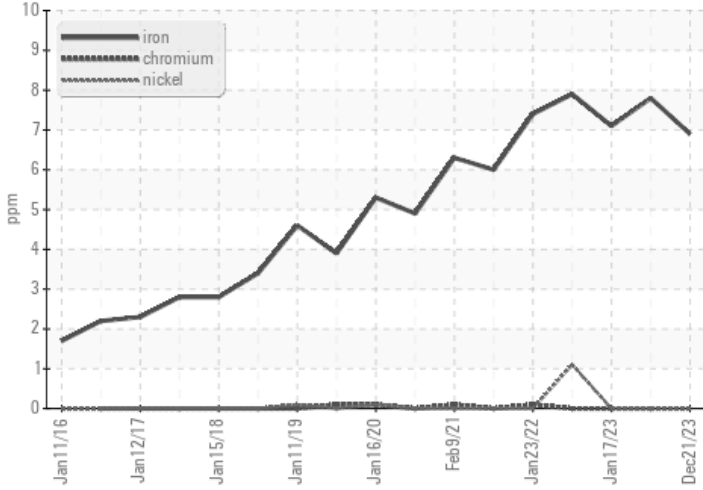
ADDITIVES

Calcium	ppm	<1	7	0	0
Magnesium	ppm	0	<1	0	<1
Zinc	ppm	14	11	<1	8
Phosphorus	ppm	470	490	425	414
Barium	ppm	0	<1	0	0
Boron	ppm	<1	<1	<1	1

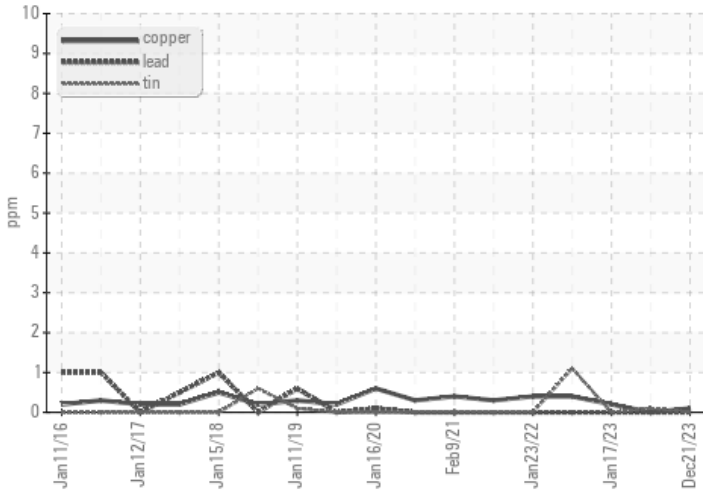
Depot: KLEWESMA
Unique No: 10821891
Signed: Wes Davis
Report Date: 10 Jan 2024

GRAPHS

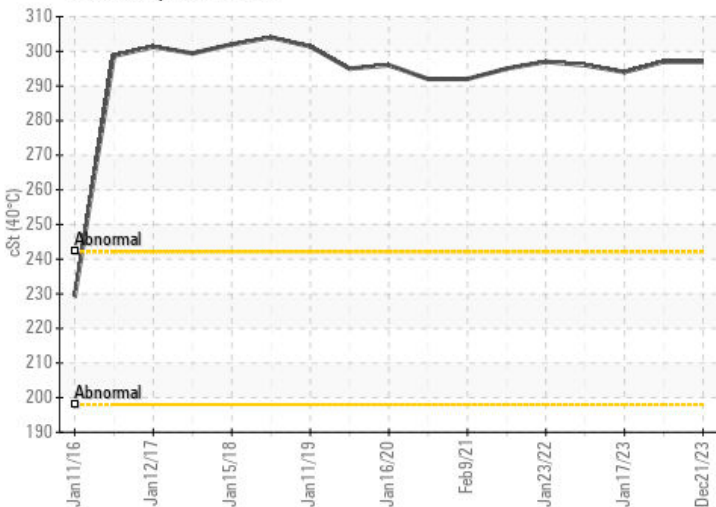
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Acid Number

