T120 WESTRAC NSW - 1 Westrac Drive Tomago, NSW 2322 AU

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ENGINE **EQUIP NUM: P292** **SERIAL NUMBER: EED01049**

CAT 773F

T120-55223-0327

SAMPLE SHIP TIME (days) : 7

MAAS GROUP RQA

RECEIVED DATE: 11-Aug-25

No Action Required

Interp By: Darron Rowley

Interpreted On: 12-Aug-25

All test results appear normal. Continue to sample at consistent intervals. For all sample information update requests please contact our EMC reception on 02 4964 5237. For technical enquiries regarding this evaluation; please contact Darron Rowley. Phone (02) 4964 5057. Email Darron.Rowley@westrac.com.au.

SAMPLE INFORMATION

Sampled Date	04-Aug-25	02-Jul-25	21-Feb-22	20-Nov-21
Sample Id	T120-55223-0327	T120-55192-0307	T120-52056-1116	T010-51334-0233
Lab Date	11-Aug-25	11-Jul-25	25-Feb-22	30-Nov-21
Meter [Hr]	14986	14892	13143	12956
Comp Meter [Hr]	14986	14892	13143	
Meter On Fluid	250	1749	200	250
Fluid Brand	CASTROL	CASTROL	CASTROL	CASTROL
Fluid Weight	15W-40	15W-40	15W-40	15W-40
Fluid Type	VECTON	VECTON	VECTON	VECTON
Fluid Change	Y	Y	Y	Y
Filter Change	Y	Y	Y	Y
Total Fluid Added	0	0	0	0

PREVIOUS SAMPLE

Oil hours appear to be incorrect. All test results appear normal. Continue to sample at consistent intervals. For all sample information update requests please contact our EMC reception on 02 4964 5237. For technical enquiries regarding this evaluation; please contact Darron Rowley. Phone (02) 4964 5057. Email Darron.Rowley@westrac.com.au.

For additional sample history, go to: S.O.S WEB

ADDITIVES-WEAR LEVELS

		04-Aug-25	02-Jul-25	21-Feb-22	20-Nov-21
ELEMENTS (ppm) ASTM D5185					
Cu	Copper	<1	1	1	3
Fe	Iron	7	14	5	16
Cr	Chromium	<1	<1	<1	0
Al	Aluminum	<1	<1	2	3
Pb	Lead	<1	<1	<1	7
Sn	Tin	1	<1	<1	0
Si	Silicon	2	2	2	5
Na	Sodium	<1	<1	3	49
K	Potassium	<1	<1	<1	3
Mo	Molybdenum	7	54	59	108
Ni	Nickel	<1	<1	<1	1
Ag	Silver	<1	<1	<1	0
Ti	Titanium	<1	<1	<1	0
V	Vanadium	<1	<1	0	0
Mn	Manganese	<1	<1	0	0
Cd	Cadmium	0	0	0	0
Ca	Calcium	2371	1934	1671	2560
P	Phosphorus	976	1100	1025	1151
Zn	Zinc	1146	1287	1246	1368
Mg	Magnesium	58	372	389	11
Ba	Barium	<1	<1	0	0
B	Boron	21	94	141	52
In	Indium				0
Bi	Bismuth				0
Sb	Antimony	0	0	0	0
Li	Lithium	<1	<1		1

CONDITION-CONTAMINATION

		04-Aug-25	02-Jul-25	21-Feb-22	20-Nov-21
OIL CONDITION					
ST	Soot	10	15	10	8
OXI	Oxidation	10	14	15	14
SUL	Sulfate By-Produc	17	19	20	20
	Sulfur Products	17	19	20	20
NIT	Nitration	6	6	5	5
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	13.66	12.3		13.6
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	100.1	92.9	109.4	102.4
VISCOSITY INDEX					
VI	Viscosity Index				133
CRACKLE TEST					
W	Water	N	N	N	N
FUEL					
F	Fuel	N	T	N	N
FUEL CONTAMINATION (%)					
PFc	Percent Fuel		2.9		3.03

OIL CLEANLINESS

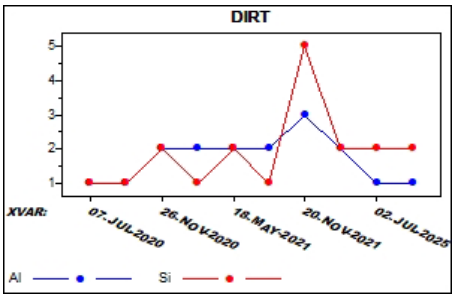
		04-Aug-25	02-Jul-25	21-Feb-22	20-Nov-21
PQI					
PQI	PQ Index	0	0	3	0

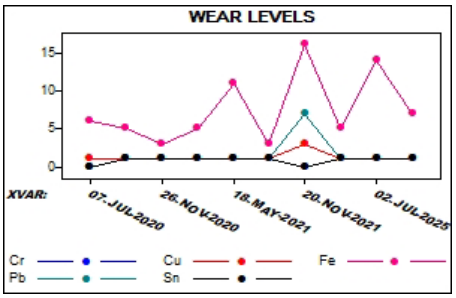
Notice: This analysis is intended as an aid in predicting mechanical wear. No guarantee, expressed or implied, is made against failure of this piece of equipment or component

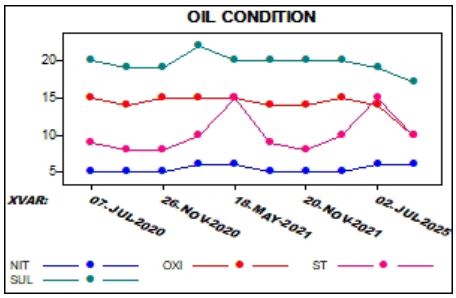
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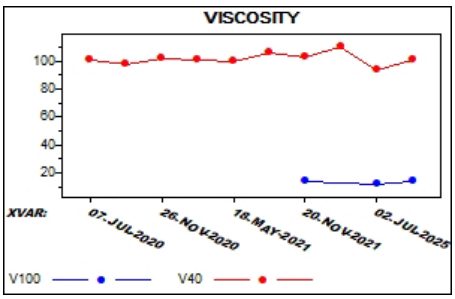
T120-55223-0327

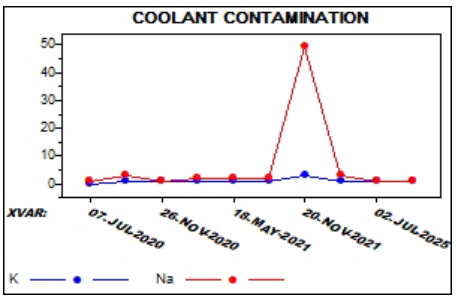
No Action Required











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