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

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ENGINE **EQUIP NUM: P291** **SERIAL NUMBER: EED01047**

CAT 773F

T120-55321-0219

SAMPLE SHIP TIME (days) : 16

MAAS GROUP RQA

RECEIVED DATE: 17-Nov-25

No Action Required

Interp By: Darron Rowley

Interpreted On: 17-Nov-25

Unknown oil information. 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	01-Nov-25	18-Sep-25	29-May-21	22-Apr-21
Sample Id	T120-55321-0219	T120-55272-0341	T120-51154-0528	T120-51144-0540
Lab Date	17-Nov-25	29-Sep-25	03-Jun-21	24-May-21
Meter [Hr]	14382	14106	11779	11541
Comp Meter [Hr]	14382	14106	11779	11541
Meter On Fluid	276	2327	250	250
Fluid Brand			CASTROL	CASTROL
Fluid Weight	15W-40	15W-40	15W-40	15W-40
Fluid Type			VECTON CJ-4/E9	VECTON CJ-4/E9
Fluid Change	N	Y	Y	Y
Filter Change	N	Y	Y	Y
Total Fluid Added	0	0	0	0

PREVIOUS SAMPLE

Unknown oil information. The viscosity is lower than the acceptable level for this oil grade, but no fuel was detected in this sample, possibly incorrect oil details reported. As a precaution, monitor oil level and idling periods. All other 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

		01-Nov-25	18-Sep-25	29-May-21	22-Apr-21
ELEMENTS (ppm) ASTM D5185					
Cu	Copper	1	<1	1	1
Fe	Iron	18	15	6	11
Cr	Chromium	<1	<1	<1	<1
Al	Aluminum	<1	4	1	2
Pb	Lead	<1	<1	<1	<1
Sn	Tin	<1	<1	<1	<1
Si	Silicon	3	3	2	2
Na	Sodium	<1	2	3	2
K	Potassium	<1	<1	<1	<1
Mo	Molybdenum	5	51	73	66
Ni	Nickel	<1	<1	1	<1
Ag	Silver	<1	<1	<1	<1
Ti	Titanium	<1	<1	<1	<1
V	Vanadium	<1	<1	0	0
Mn	Manganese	<1	4	0	0
Cd	Cadmium	0	0	0	0
Ca	Calcium	2621	2238	2001	1760
P	Phosphorus	1107	918	1173	1028
Zn	Zinc	1236	1254	1393	1136
Mg	Magnesium	81	553	436	395
Ba	Barium	<1	9	0	0
B	Boron	8	80	139	115
Sb	Antimony	0	7	0	0
Li	Lithium	<1	<1		

CONDITION-CONTAMINATION

		01-Nov-25	18-Sep-25	29-May-21	22-Apr-21
OIL CONDITION					
ST	Soot	15	17	11	16
OXI	Oxidation	10	18	15	15
SUL	Sulfate By-Produc	17	23	20	20
	Sulfur Products	17	23	20	20
NIT	Nitration	7	7	5	6
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	12.8	11.1		
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	92.2	75.9	97.2	91.6
CRACKLE TEST					
W	Water	N	N	N	N
FUEL					
F	Fuel	N	T	N	T
FUEL CONTAMINATION (%)					
PFc	Percent Fuel		3.31		3.4

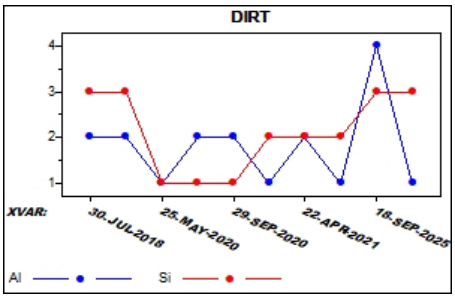
OIL CLEANLINESS

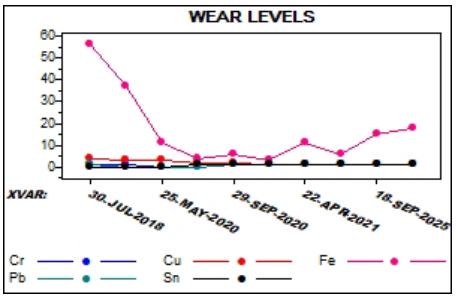
		01-Nov-25	18-Sep-25	29-May-21	22-Apr-21
PQI					
PQI	PQ Index	0	0	3	3

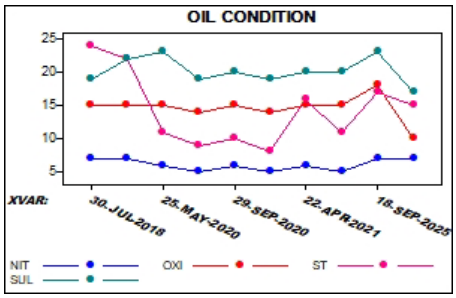
Notice: This analysis is intended as an aid in predicting mechanical wear. No guarantee, expressed or implied, is made against failure of this piece of equipment or component

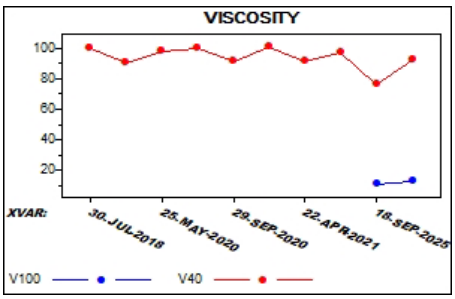
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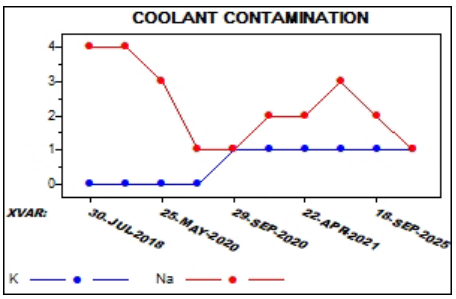
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No Action Required











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