

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

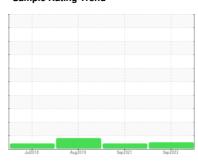


NIDEC MOTOR CORP 402 MOTOR (S/N W0720150097-001)

Component

Left Pump

ROYAL PURPLE SYNFILM 68 (30 QTS)





DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

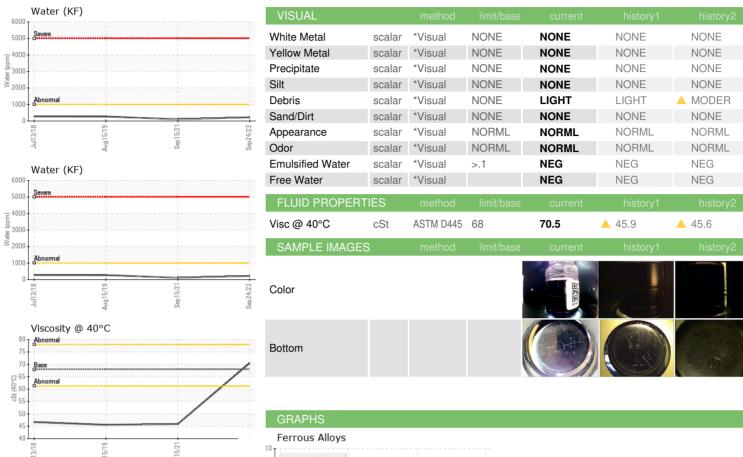
Fluid Condition

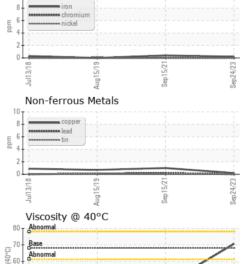
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

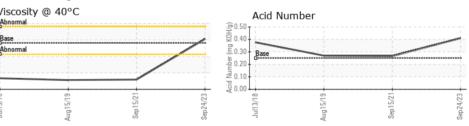
SAMPLE INFORM	/ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		RP0026763	RP0005016	RP184073
Sample Date		Client Info		24 Sep 2023	15 Sep 2021	15 Aug 2019
Machine Age	hrs	Client Info		30385	8856	10930
Oil Age	hrs	Client Info		0	0	3942
Oil Changed		Client Info		N/A	N/A	Not Changd
Sample Status				NORMAL	ATTENTION	ABNORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>90	<1	<1	0
Chromium	ppm	ASTM D5185m	>5	0	0	0
Nickel	ppm	ASTM D5185m	>5	0	0	<1
Titanium	ppm	ASTM D5185m	>3	<1	0	0
Silver	ppm	ASTM D5185m	>3	0	0	<1
Aluminum	ppm	ASTM D5185m	>7	2	<1	0
Lead	ppm	ASTM D5185m	>12	0	<1	<1
Copper	ppm	ASTM D5185m	>30	<1	1	<1
Tin	ppm	ASTM D5185m	>9	0	0	0
Antimony	ppm	ASTM D5185m			0	0
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	<1	<1
Barium	ppm	ASTM D5185m		0	<1	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		0	0	<1
Magnesium	ppm	ASTM D5185m	90	96	36	59
Calcium	ppm	ASTM D5185m		0	<1	<1
Phosphorus	ppm	ASTM D5185m		0	18	38
Zinc	ppm	ASTM D5185m		0	0	0
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>60	<1	1	2
Sodium	ppm	ASTM D5185m		<1	0	1
Potassium	ppm	ASTM D5185m	>20	0	0	0
Water	%	ASTM D6304	>.1	0.022	0.010	0.026
ppm Water	ppm	ASTM D6304	>1000	221.5	105.9	269.1
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
	mg KOH/g					



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Certificate L2367

Laboratory Sample No. Lab Number **Unique Number** Test Package : IND 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : RP0026763 : 05964253 : 10670804

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Received Diagnosed Diagnostician

: 28 Sep 2023 : 01 Oct 2023 : Don Baldridge KINDER MORGAN 5877 CR 210

SMILEY, TX US 78159

Contact: JOHN EVANS

To discuss this sample report, contact Customer Service at 1-800-237-1369.

john_evans@kindermorgan.com T:

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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