

OIL ANALYSIS REPORT

MAGENTA NTX [200007685] Machine Id 22WEA91147 - E-13

Component

Hydraulic System

SHELL TELLUS S4 VX 32 (--- LTR)

Sample Rating Trend ISO Medicize

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Waar

All component wear rates are normal.

Contamination

There is a moderate amount of silt (particulates < 14 microns in size) present in the oil.

Fluid Condition

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

				Mar2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		NX012275		
Sample Date		Client Info		14 Mar 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				ATTENTION		
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184		15		
Iron	ppm	ASTM D5185m	>20	0		
Chromium	ppm	ASTM D5185m	>20	0		
Nickel	ppm	ASTM D5185m	>20	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>20	0		
Lead	ppm	ASTM D5185m	>20	<1		
Copper	ppm	ASTM D5185m	>20	10		
Tin	ppm	ASTM D5185m	>20	0		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		3		
Calcium	ppm	ASTM D5185m		26		
Phosphorus	ppm	ASTM D5185m		346		
Zinc	ppm	ASTM D5185m		219		
Sulfur	ppm	ASTM D5185m		7218		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	<1		
Sodium	ppm	ASTM D5185m		2		
Potassium	ppm	ASTM D5185m	>20	0		
Water	%	ASTM D6304	>0.05	0.005		
ppm Water	ppm	ASTM D6304	>500	50		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		10535		
Particles >6µm		ASTM D7647	>1300	2223		
Particles >14µm		ASTM D7647	>160	119		
Particles >21µm		ASTM D7647	>40	23		
Particles >38µm		ASTM D7647	>10	1		
Particles >71μm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>17/14	18/14		
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2

Acid Number (AN)

mg KOH/g ASTM D8045

0.37 ---

Report Id: NORDEX [WUSCAR] 06134019 (Generated: 04/03/2024 12:56:11) Rev: 1

Contact/Location: DEVIN LINEHAN - NORDEX



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