

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

40 MILE [46004111]

TGY001232 - SHELL OMALA S5 WIND 320 (S/N BM0053)

New (Unused) Oil

{not provided} (--- LTR)





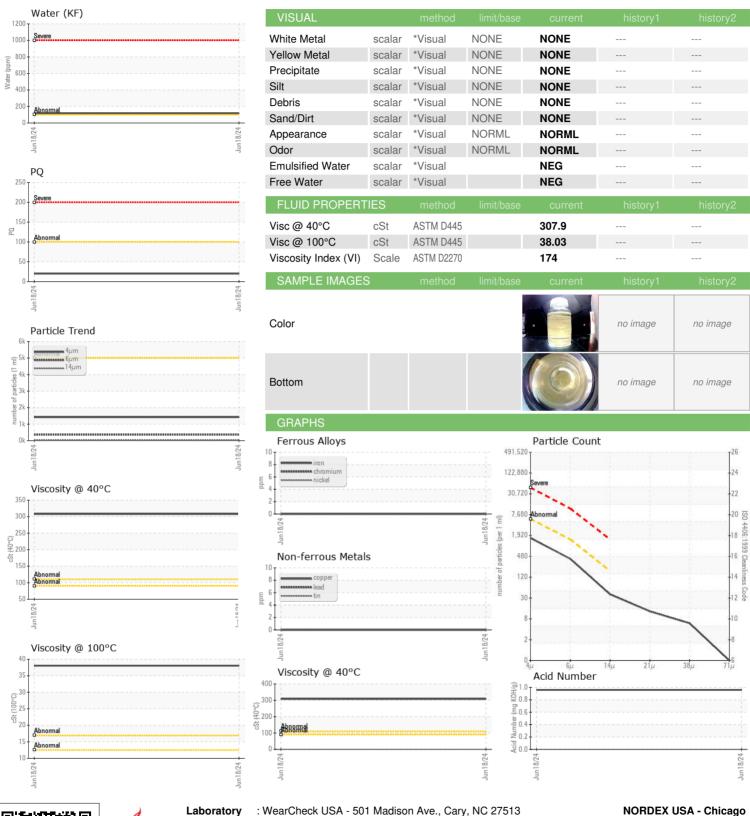
Recommendation

This is a baseline read-out on the submitted sample.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		NX014220		
Sample Date		Client Info		18 Jun 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184		20		
Iron	ppm	ASTM D5185m		0		
Chromium	ppm	ASTM D5185m		0		
Nickel	ppm	ASTM D5185m		0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum		ASTM D5185m		0		
Lead	ppm	ASTM D5185m		0		
Copper		ASTM D5185m		0		
Tin	ppm	ASTM D5185m		0		
Vanadium		ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
	ppm			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		<1		
Calcium	ppm	ASTM D5185m		3		
Phosphorus	ppm	ASTM D5185m		501		
Zinc	ppm	ASTM D5185m		0		
Sulfur	ppm	ASTM D5185m		3982		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m		2		
Sodium	ppm	ASTM D5185m		1		
Potassium	ppm	ASTM D5185m	>20	0		
Water	%	ASTM D6304		0.011		
ppm Water	ppm	ASTM D6304		114		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4μm		ASTM D7647	>5000	1418		
Particles >6µm		ASTM D7647	>1300	358		
Particles >14µm		ASTM D7647	>160	34		
Particles >21µm		ASTM D7647	>40	11		
Particles >38µm		ASTM D7647	>10	5		
Particles >71µm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	18/16/12		
FLUID DEGRADA	ATION _	method	limit/base	current	history1	history2
Acid Number (AN)	ma V∩⊔/a	ACTM DODAE		0.06		



OIL ANALYSIS REPORT





Report Id: NORDEX [WUSCAR] 06234383 (Generated: 07/16/2024 16:06:59) Rev: 1

Laboratory Sample No.

Lab Number

: NX014220 : 06234383 Unique Number : 11123217

Received **Tested**

: 11 Jul 2024 : 16 Jul 2024 Diagnosed : 16 Jul 2024 - Jonathan Hester

300 SOUTH WACKER DRIVE, SUITE 1500 CHICAGO, IL US 60606

Test Package : IND 2 (Additional Tests: FT-IR, ICP-NewOil, KF, KV100, PQ, PrtCount, VI) Contact: DEVIN LINEHAN Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369. DLinehan@nordex-online.com st - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (312)386-4124

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Contact/Location: DEVIN LINEHAN - NORDEX

F: (312)386-7102