

OIL ANALYSIS REPORT

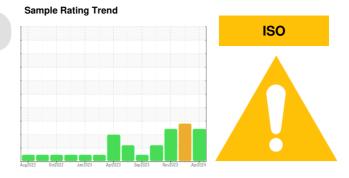
Area

Thermoforming Line 3 A Extruder (S/N X8245)

Bevel Helical Gearbox

Fluid

SUMMIT UNIPAR FG-150 (3 GAL)



DIAGNOSIS

Recommendation

We recommend you service the filters on this component if applicable. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is a high amount of particulates present 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	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		TO50002196	TO50002201	TO50001976
Sample Date		Client Info		22 Apr 2024	29 Feb 2024	15 Nov 2023
Machine Age	hrs	Client Info		0	1000	1000
Oil Age	hrs	Client Info		0	1000	1000
Oil Changed		Client Info		N/A	Not Changd	Not Changd
Sample Status				ABNORMAL	ATTENTION	ABNORMAL
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184		15	10	13
Iron	ppm	ASTM D5185m	>150	<1	0	0
Chromium	ppm	ASTM D5185m	>10	<1	<1	0
Nickel	ppm	ASTM D5185m	>10	<1	0	0
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		<1	0	0
Aluminum	ppm	ASTM D5185m	>25	3	2	0
Lead	ppm	ASTM D5185m	>100	<1	0	0
Copper	ppm	ASTM D5185m	>50	3	2	1
Tin	ppm	ASTM D5185m	>10	<1	0	0
Vanadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		<1	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		<1	0	0
Molybdenum	ppm	ASTM D5185m		<1	0	0
Manganese	ppm	ASTM D5185m		<1	0	0
Magnesium	ppm	ASTM D5185m		1	<1	<1
Calcium	ppm	ASTM D5185m		0	0	3
Phosphorus	ppm	ASTM D5185m		532	424	336
Zinc	ppm	ASTM D5185m		6	1	0
Sulfur	ppm	ASTM D5185m		527	346	279
CONTAMINANTS	,	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	15	17	24
Sodium	ppm	ASTM D5185m		0	<1	0
Potassium	ppm	ASTM D5185m	>20	2	<1	0
Water	%	ASTM D6304	>0.1	0.001	0.006	0.003
ppm Water	ppm	ASTM D6304	>1000	2	65	36.9
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>1300	^ 2623	2029	<u></u> 3153
Particles >6µm		ASTM D7647	>320	<u>A</u> 819	639	△ 962
Particles >14μm		ASTM D7647	>80	<u> </u>	151	<u> </u>
Particles >21µm		ASTM D7647	>20	<u> </u>	86	▲ 48
Particles >38μm		ASTM D7647	>4	<u>^</u> 5	_ 21	<u> 11</u>
Particles >71µm		ASTM D7647	>3	0	3	3
Oil Cleanliness		ISO 4406 (c)	>17/15/13	<u> </u>	18/16/14	▲ 19/17/14
FLUID DEGRADA	TION	method	limit/base	current	history1	history2



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Certificate 12367

Laboratory

Sample No.

: TO50002196 : 06156962 Lab Number Unique Number : 10992385

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

Received : 22 Apr 2024 **Tested**

: 23 Apr 2024 : 25 Apr 2024 - Jonathan Hester Diagnosed

Test Package : IND 2 (Additional Tests: KF, KV100, PQ, PrtCount, VI)

To discuss this sample report, contact Customer Service at 1-800-237-1369. st - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

US 75236 Contact: YON PALOMINO yon.palomino@dart.biz T: (214)775-5673

4444 W LEADBETTER DR

DART CONTAINER CORPORATION

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

F:

DALLAS, TX