

LABORATORY ANALYSIS



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MOMENTIVE TECHNOLOGIES
22557 LUNN RD
STRONGSVILLE, OH
United States 44149
Contact: Service Manager

Equipment No. **HOT PRESS #2 (00002)**
System **Hydraulic System**
Oil Type **ECOSAFE FR-46 (50 GAL)**

T:
F:

DIAGNOSIS

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The system and fluid cleanliness is acceptable. The condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION

Lab Number	New	2311-00056	2302-00298	2206-00091
Date of Sample	(Typical)	30 Oct 2023	18 Jan 2023	03 Jun 2022
Oil Added		UNK	UNK	UNK
Last Drain Date		--	--	--
Last Filter Service		--	--	--
Sample Point		---	---	---
Sample Status		NORMAL	ATTENTION	NORMAL

VISCOSITY INDEX (ASTM D445)

cSt Vis. @ 40C	cSt	46	51.87	51.23	51.11
SSU Vis. @ 100F	SSU		241.2	238.3	237.7
cSt Vis. @ 100C	cSt		9.48	9.47	9.53
SSU Vis. @ 210F	SSU		57.42	57.4	57.6
cSt Vis. @ 40C	cSt	46	51.87	51.23	51.11
SSU Vis. @ 40C	SSU		241.2	238.3	237.7
cSt Vis. @ 100C	cSt		9.48	9.47	9.53
SSU Vis. @ 100C	SSU		57.42	57.4	57.6
Viscosity Index		185	169	171	173

PARTICLE COUNT (PER 1ML)

ISO CODE	ISO 4406(c)	>19/17/14	19/17/13	20/18/15	19/16/12
4 Micron & Larger	particles/ml	>5000	3,668	6,776	2,771
6 Micron & Larger	particles/ml	>1300	890	2,063	357
14 Micron & Larger	particles/ml	>160	80	164	27
21 Micron & Larger	particles/ml	>40	23	38	7
38 Micron & Larger	particles/ml	>10	2	3	0
70 Micron & Larger	particles/ml	>3	0	2	0

ICP - OILS (REPORTED IN PARTS PER MILLION)

Aluminum (Al)	ppm	<5	<5	<5
Antimony (Sb)	ppm	<5	<5	<5
Cadmium (Cd)	ppm	<5	<5	<5
Chromium (Cr)	ppm	<5	<5	<5
Cobalt (Co)	ppm	<5	<5	<5
Copper (Cu)	ppm	<5	<5	<5
Iron (Fe)	ppm	<5	<5	<5
Lead (Pb)	ppm	<5	<5	<5
Manganese (Mn)	ppm	<5	<5	<5
Molybdenum(Mo)	ppm	<5	<5	<5
Nickel (Ni)	ppm	<5	<5	<5
Silver (Ag)	ppm	<5	<5	<5
Tin (Sn)	ppm	<5	<5	<5
Titanium (Ti)	ppm	<5	<5	<5
Vanadium (V)	ppm	<5	<5	<5
Barium (Ba)	ppm	<5	<5	<5
Boron (B)	ppm	14	8	7
Calcium (Ca)	ppm	<5	<5	<5
Magnesium (Mg)	ppm	<5	<5	<5
Phosphorus(P)	ppm	721	599	550
Silicon (Si)	ppm	<5	<5	<5
Zinc (Zn)	ppm	<5	<5	<5
Sulfur (S)	ppm	3,120	2,240	2,380

Customer Id: ENC0121S01
Sample No.: EN23110056
Lab Number: 23110056
Test Package: TEST



To manage this report scan the QR code

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OIL ANALYSIS REPORT

CONTAMINATION

Water

>0.05

NEG

NEG

NEG