

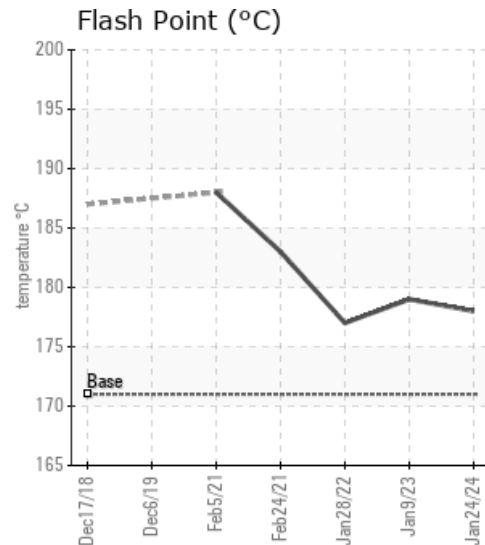
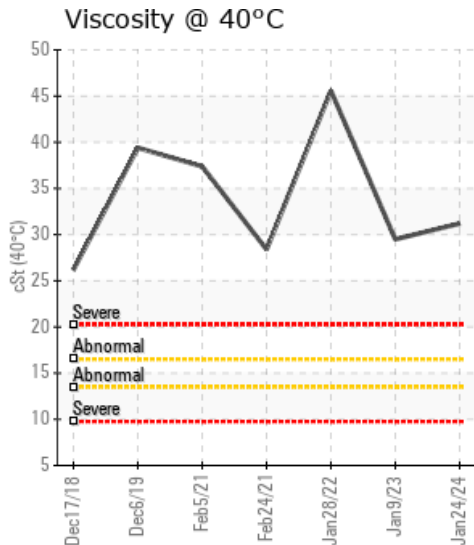
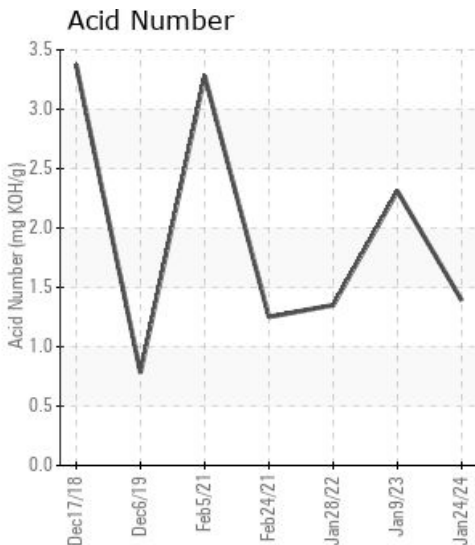
HOH1

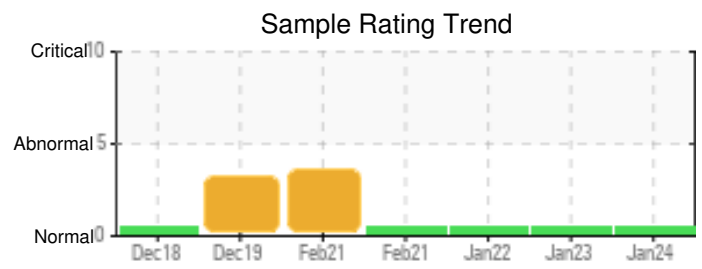
Customer:	System Information	Sample Information
ASSOCIATED ASPHALT 1825 JAKE ALEXANDER BLVD WEST SALISBURY, NC 28147 US Attn: LAURA BENFIELD Tel: (704)231-6160 E-Mail: lbenfield@associatedasphalt.com	System Volume: 0 gal Bulk Operating Temp: Not Specified Heating Source: Blanket: Fluid: MULTITHERM PG-1 Make: CEI	Lab No: 06073004 Analyst: Jonathan Hester Sample Date: 01/24/24 Received Date: 01/29/24 Completed: 01/31/24 Jonathan Hester jhester@wearcheckusa.com

Recommendation: No corrective action is recommended at this time.

Comments: All metal levels are normal indicating no corrosion in the system. There is no indication of any contamination in the oil. The flash point is normal (178C). The AN level is acceptable for this fluid. The condition of the oil appears acceptable for service.

Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
01/24/24	01/29/24	0.0h		352 / 178	289	31.2	1.39					
01/09/23	01/12/23	0.0h		354 / 179	150.5	29.49	2.31					
01/28/22	02/02/22	0.0h		351 / 177	7.0	45.59	1.35					
02/24/21	02/25/21	0.0h		361 / 183	178.6	28.39	1.251					
02/05/21	02/10/21	0.0h		370 / 188	59930.8	37.38	3.281					
Baseline Data				340 / 171								





Sample Date	Iron	Chromium	Nickel	Aluminum	Copper	Lead	Tin	Cadmium	Silver	Vanadium	Silicon	Sodium	Potassium	Titanium	Molybdenum	Antimony	Manganese	Lithium	Boron	Magnesium	Calcium	Barium	Phosphorus	Zinc
01/24/24	106	0	0	0	0	0	0	0	0	0	2	6	6	0	0		2		0	0	1885	0	0	0
01/09/23	140	0	0	0	0	0	0	0	0	0	4	4	4	0	0		2		0	0	2158	0	6	3
01/28/22	136	0	0	4	0	0	0	0	0	0	4	0	6	0	0	0	2		0	0	2122	0	7	0
02/24/21	70	0	0	0	0	1	0	0	0	0	2	5	21	0	0	0	1		0	0	2389	0	0	1
02/05/21	197	0	0	0	0	0	0	0	0	0	3	4	0	0	0	3	2		17	0	1237	0	11	3
Baseline Data			0	0						0			0	0					0				0	

Elemental analysis results (above) in parts per million (ppm). [10,000 ppm = 1.0%]

GCD Spectrum

Historical Comments	
01/09/23	No corrective action is recommended at this time. All metal levels are normal indicating no corrosion in the system. There is no indication of any contamination in the oil. The flash point is normal (179C). The AN level is acceptable for this fluid. The condition of the oil appears acceptable for service.
01/28/22	Resample at the next service interval to monitor. All component wear rates are normal. The water content is negligible. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.
02/24/21	No corrective action is recommended at this time. All metal levels are normal indicating no corrosion in the system. There is no indication of any contamination in the oil. The flash point is normal (183C). The condition of the oil appears acceptable for service.
02/05/21	We advise that you follow the water drain-off procedure for this component, and use off-line filtration to improve the cleanliness of the system fluid. There is a high concentration of water present in the oil. High concentration of visible dirt/debris present in the oil. The AN level is acceptable for this fluid.

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