

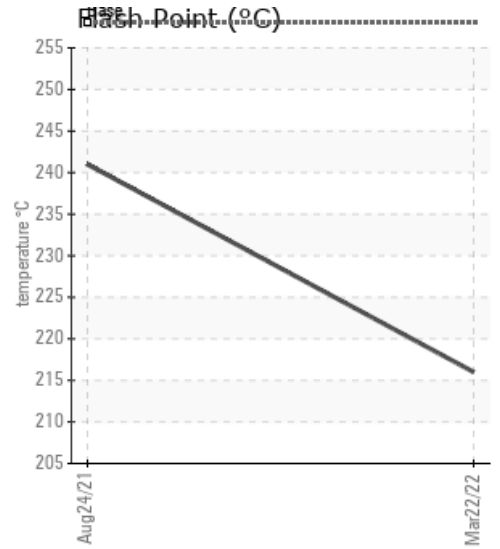
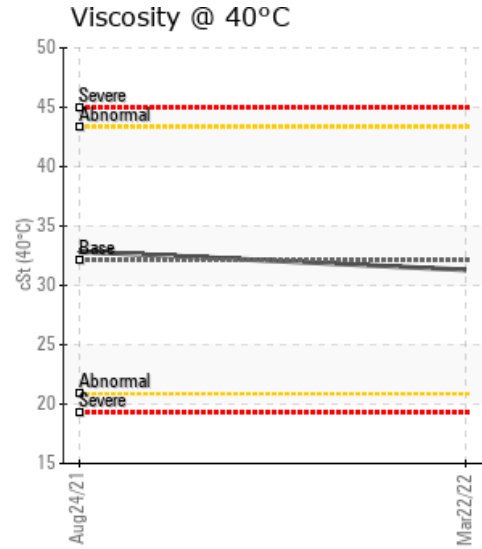
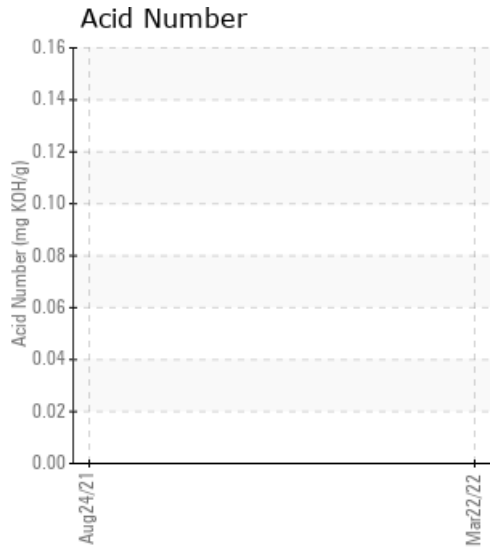
N-4025

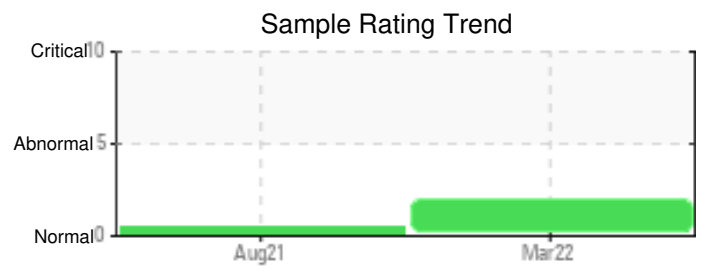
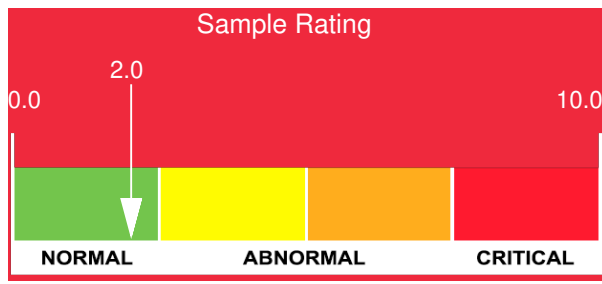
Customer:	System Information	Sample Information
LANXESS CORPORATION 2151 KING STREET EXT CHARLESTON, SC 29405 USA Attn: TIM OSBORNE Tel: (843)740-5372 E-Mail: timothy.osborne@lanxess.com	System Volume: 275 gal Bulk Operating Temp: Not Specified Heating Source: Blanket: Fluid: ROYAL PURPLE HY-THERM 707 Make:	Lab No: 05504543 Analyst: Bill Quesnel CLS, OMA II, MLA-III, LLA-I Sample Date: 03/22/22 Received Date: 03/29/22 Completed: 04/06/22 Bill Quesnel CLS, OMA II, MLA-III, LLA-I

Recommendation: We suspect that the abnormal contaminant(s) is the result of incorrect sampling technique. **DISCLAIMER:** Interpretation of laboratory tests is based on sample, as received from client. Source of sample and sampling technique cannot be verified. Resample at next normal interval to monitor.

Comments: {not applicable} Moderate concentration of visible dirt/debris present in the fluid. The AN level is acceptable for this fluid. The condition of the fluid is acceptable for the time in 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	%
03/22/22	03/29/22	260.0h		421 / 216	33.2	31.3	0.15	0.011	786 / 419	888 / 476	994 / 534	1.11
08/24/21	09/01/21	0.0h		466 / 241	55.1	32.85		0.043	787 / 419	892 / 478	999 / 537	0.62
Baseline Data				496 / 258		32.1			642 / 339	891 / 477	995 / 535	7.2

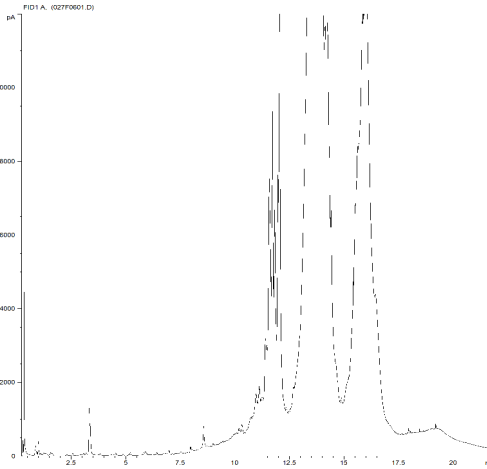




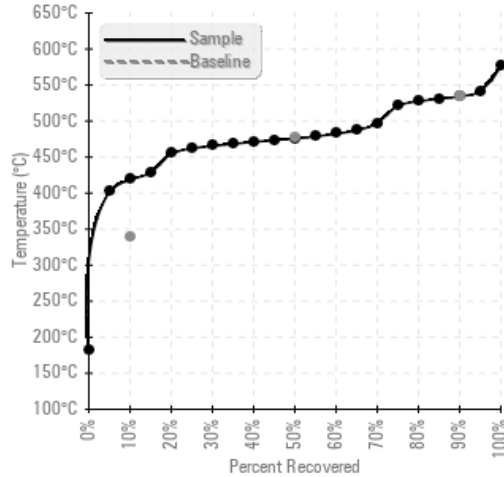
Sample Date	Iron	Chromium	Nickel	Aluminum	Copper	Lead	Tin	Cadmium	Silver	Vanadium	Silicon	Sodium	Potassium	Titanium	Molybdenum	Antimony	Manganese	Lithium	Boron	Magnesium	Calcium	Barium	Phosphorus	Zinc
03/22/22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0
08/24/21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	3	0
Baseline Data			0	0						0			0	0				0	0				0	

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

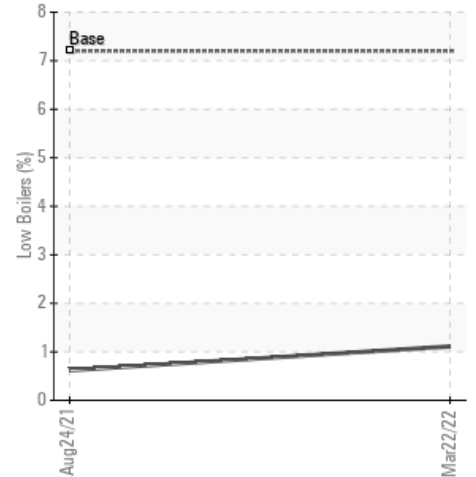
GCD Spectrum



Gas Chromatography Distillation



% Boiling < 335°C



Historical Comments

08/24/21	Resample at the next service interval to monitor. The water content is negligible. There is no indication of any contamination in the fluid. The condition of the fluid is suitable for further service.