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FUEL AND LUBRICANT TECHNOLOGISTS

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September 6, 2013

RECEIVED FROM: National Transportation Board

[REDACTED]

[REDACTED]

Attn: Pam Sullivan

SAMPLE OF Contaminated Aviation Fuel

LABORATORY NO. 13 9 4 17

MARKED CEN13LA487

Infrared Analysis

The sample consisted of two liquid phases. The infrared spectrum of each phase was run. The spectra are attached and are made part of this report by reference.

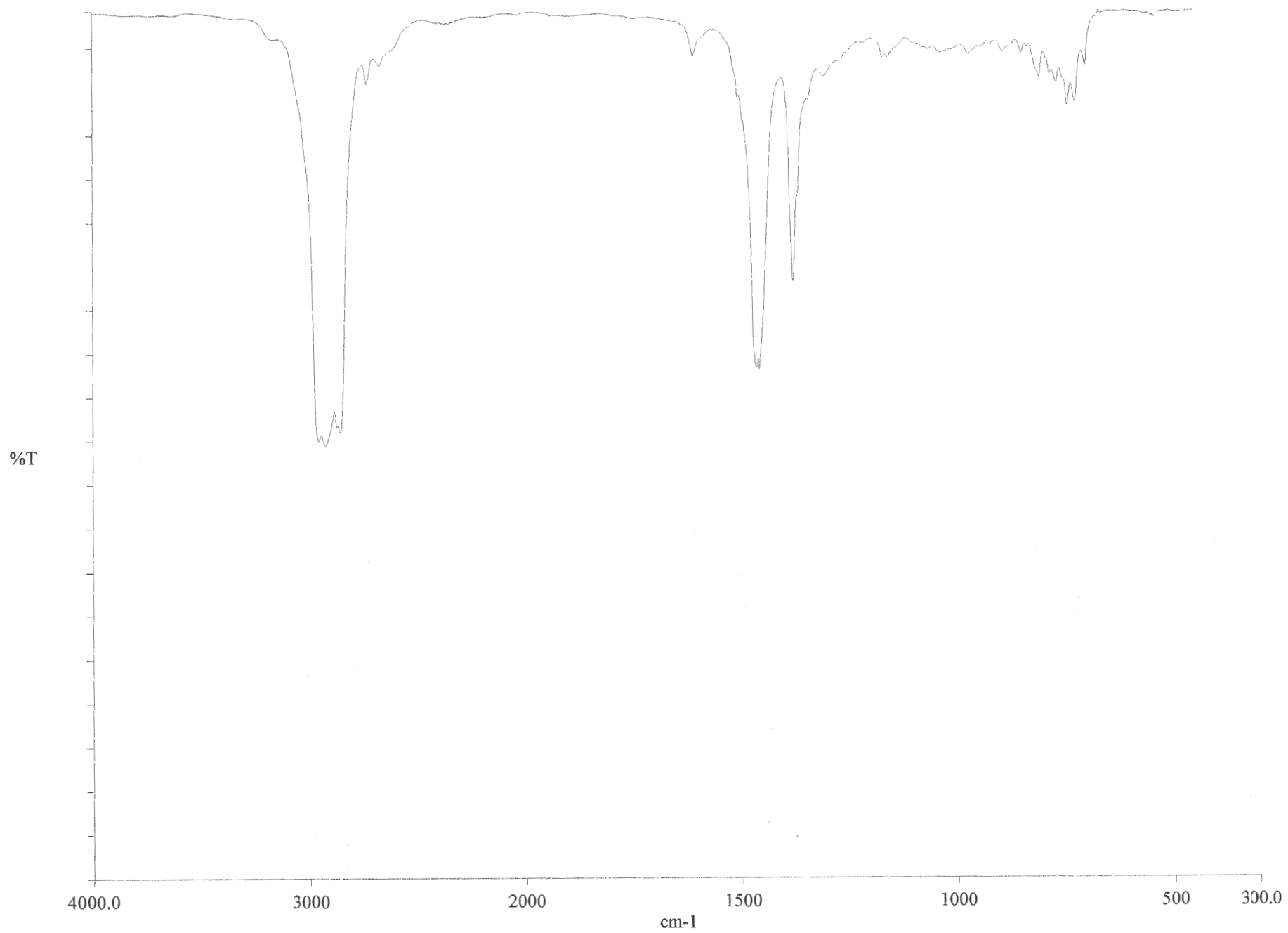
Conclusions:

The following conclusions are based upon the data which have been obtained.

- 1) The upper organic phase consists of a mixture of aliphatic, aromatic and naphthenic hydrocarbons typical of aviation fuel.
- 2) The lower aqueous phase of the sample consists primarily of water plus a small amount of an alcohol/ether probably derived from the extraction of the fuel system icing inhibitor extracted by the water from the fuel phase of the sample.

[REDACTED]

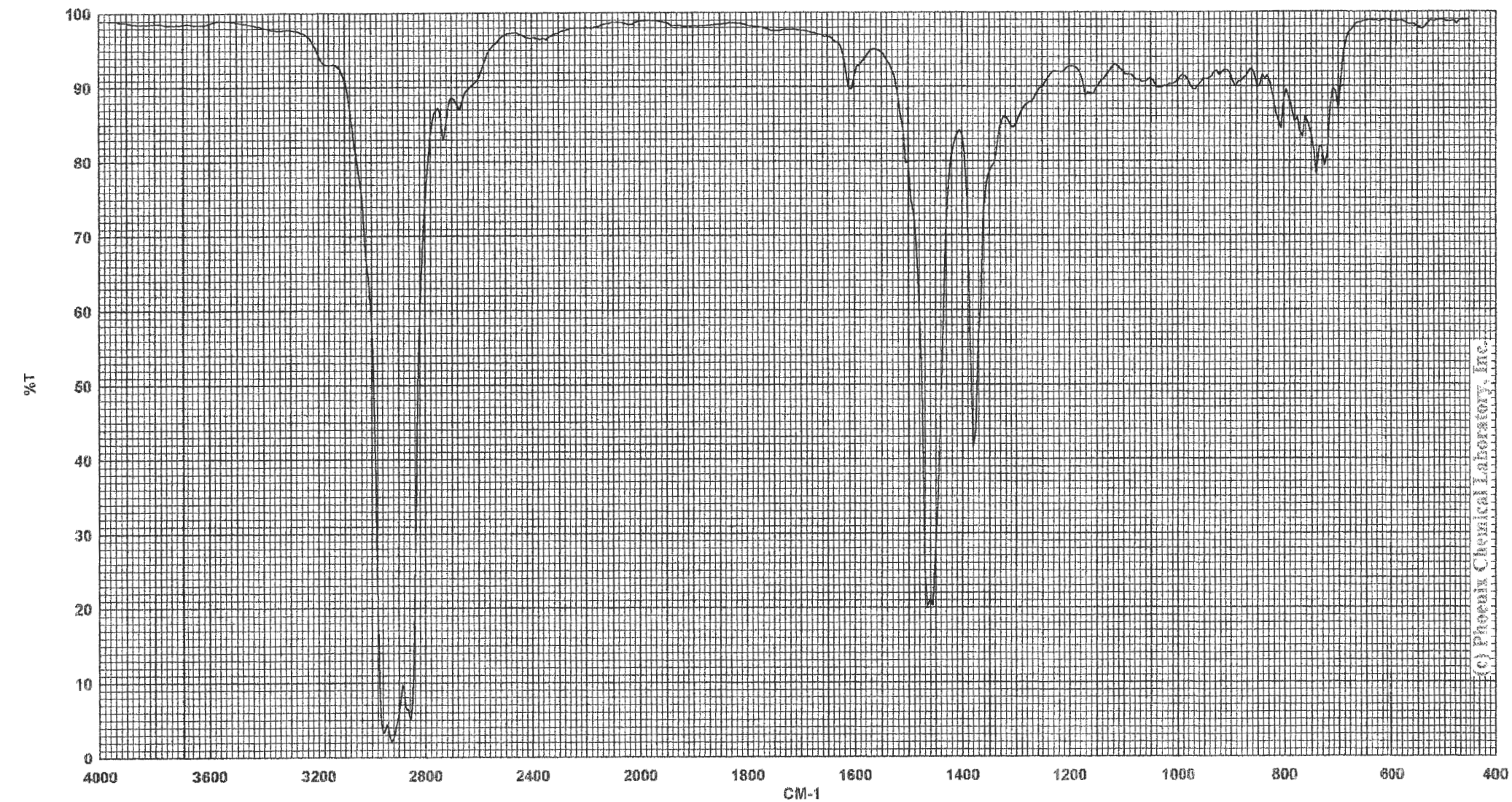
Arthur A. Krawetz



a:\vnf14.sp - 13 9 4 17 Upper Layer as Received

lu044a.sp - LU044A HYDROCARBON OIL 17% AROMATIC

13 9 4 17 UPPER LAYER AS RECEIVED



13 9 4 17 LOWER LAYER AS RECEIVED

