



MAXR 100- Floc Test Report

MAXR 100 passed the refrigerant lubricant "Floc Test"
(ASHRAE 86) with no issues.



Intertek Testing Services

ETL SEMKO

Charlie Stewart
Strathmore Holdings, LLC
1244 Executive Blvd.
Bldg. C, Suite 102
Chesapeake, VA 23320

Ref: Floc point testing

Dear Charlie,

Per your request, I have gone into ASHRAE standard 86 - 1994 to define what the floc point oil test is, and what it means in the HVAC industry. The following is taken from the ASHRAE foreword:

'This standard describes a standard test method for measuring the floc point (waxing tendency) of refrigeration grade oils. Petroleum-derived lubricating oils are mixtures of large numbers of chemically distinct hydrocarbon molecules. At the low temperatures encountered in the low-pressure side of refrigeration units, some of the larger molecules separate from the bulk of the oil in the form of wax-like deposits. Wax deposition in refrigeration systems is undesirable, as wax is known to clog capillary tubes and to cause expansion valves to stick.'

I believe that this explanation is a good one as to why floc point testing is important. As discussed, your Max R 100 oil passed this evaluation with no issues. If you have any questions relating to this, please give me a call.

Best regards,

A handwritten signature in black ink, appearing to read 'Doug Lockard', written over a white background.

Doug Lockard
ITS Engineering
Columbus, OH

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