



## DuPont™ ISCEON® 39TC® Refrigerants – Equipment Audit Report

(All fields must be completed and submitted to DuPont for review prior to retrofit.)

### 1. Auditor Details:

Name:	Position:
Company:	

### 2. Contractor Details:

Name and Address:
Contact Name: (participating at the conversion)
Specialize in Centrifugal Chillers? <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of Audit:
How Long Have You Been Maintaining Unit? (Number of Years and Frequency – See Note 1)

### 3. User Details:

Name and Address:	
Contact Name:	Telephone Number:

### 4. Equipment Details:

Type of Equipment: (Manufacturer/Model/Serial Number)
System Charge:
Air or Water Cooled:
Heat Recovery: <input type="checkbox"/> Yes <input type="checkbox"/> No
Evaporator Level Control: If yes how? (Low or High Side Float) <input type="checkbox"/> Yes <input type="checkbox"/> No
Economizer: <input type="checkbox"/> Yes <input type="checkbox"/> No
Oil Type: <input type="checkbox"/> Mineral Oil <input type="checkbox"/> Alkylbenzene <input type="checkbox"/> Polyol Ester Manufacturer: Viscosity:
Age of System: Compressor Run Time:
Rotation Speed:

**5. Operating Conditions:**

Application:
Condensing Temperature:
Condensing Pressure:
Evaporating Temperature:
Evaporating Pressure:
Operating Maximum Cooling Load as a % of Maximum Design Load: (See Note 2)
Recent Maintenance History: (Time intervals, problems, oil losses, refrigerant leaks, recent major repairs, seal changes. See Note 3)

*If data requested is not known or available, enter "Not Known". Missing information may lead to a recommendation not to proceed.*

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Auditor's Signature \_\_\_\_\_ Date \_\_\_\_\_

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Registered \_\_\_\_\_ Date \_\_\_\_\_

*(For DuPont Use ONLY)*

**SAFETY INSTRUCTIONS** Please consult our Material Safety Data Sheet.

***ADDITIONAL NOTES to complete the AUDIT Form:***

Complete all information on form to ensure an accurate assessment of the system and recommendations intended to lead to a successful conversion.

1. It is important to know the engineer's level of experience with the system to be retrofitted and with centrifugal chillers in general. This information is required since expert knowledge is required in some systems (e.g., controls fitted to the system in order to optimize performance once converted).
2. Make an estimate of the system's real maximum working load (e.g. compressor run time, vane position at peak load times) as a % of the design maximum in order to assure the system is suitably sized for the load.
3. It is important to know the maintenance history of the system to help assess the suitability of the system for conversion to ISCEON® 39TC®.
4. Complete and Print completed Audit form and submit to your local DuPont representative through your DuPont distributor. Audit forms are available to download from the ISCEON® 39TC® product page on our website at [www.refrigerants.dupont.com](http://www.refrigerants.dupont.com).

