



INSPECTION REPORT

Inspection of pineapple juice concentrate in 40-foot HIGH-Cube (9'-6") reefer container in Acheson, Canada, August 26, 2024

We, "CISS GROUP North America Ltd.", as an independent surveying company, according to the request received from "MSC MEDITERRANEAN SHIPPING COMPANY (CANADA) INC.", have performed the following inspection:

Date and time of inspection : August 26, 2024 08:10 – 13:15 L.T.
Place of inspection : Acheson, Canada
Address : 29160 Acheson Rd, Acheson AB
Container : 40' HIGH CUBE REEFER, No. **OTPU6093526**
Cargo : PINEAPPLE JUICE CONCENTRATE
DEHUMIDIFICATED: NO VENTS SETTING: CLOSED,
92 DRUM(S) as per BL **MEDUSD202215**

Result of inspection

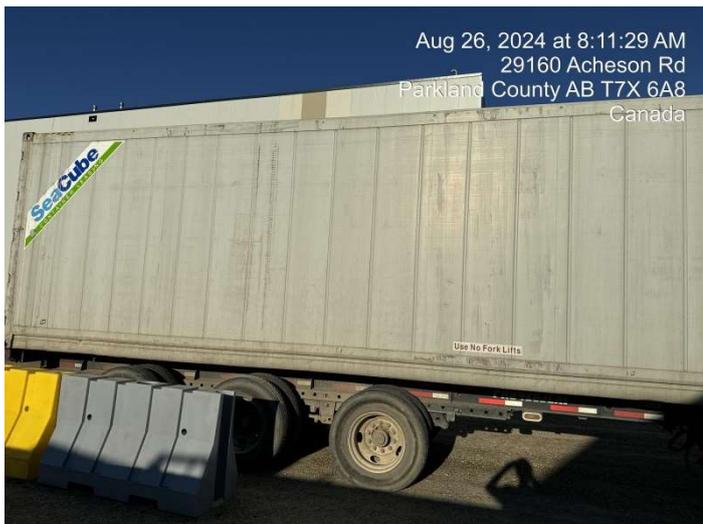
According to the client's instructions, we have performed inspection of pineapple juice concentrate in Acheson, Canada.

Commencing of inspection: 08:10 AM, August 26, 2024.

Inspection of 40' HIGH CUBE REEFER container (S/N: **OTPU6093526**) was performed at the following location: 29160, Acheson Road, Acheson, AB, Canada.

The inspection was carried out in the presence of representatives of MSC Mediterranean Shipping Company (Canada) Inc., and Specialized Services GFL Environmental Services Inc.

There is no external damage to the container from the visible sides.



General view of container



General view of container

It's shipping & survey



General view of container



General view of container

The REEFER container is connected to an external power source.
The temperature set on the recorder display is -18°C , which corresponds to the temperature indicated in the Bill of Lading.



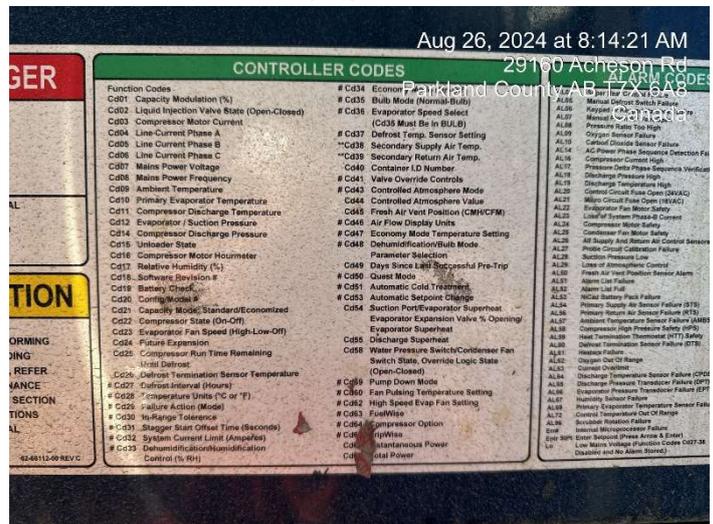
Connection to external power source



Display of recorder



Display of recorder, the following error codes found



Controller codes

It's shipping & survey

Upon arrival of our inspector at the inspection site at 08:10 AM, August 26, 2024, it was established that the refrigerated container with the number **OTPU6093526** was opened previously.

There was no seal in place of the container lock/locking device.

The driver showed a broken seal with the number **UL8655233**, which does not correspond to the seal number shown in the Bill of Lading (**QHH04342**).

Opening of the container is carried out by representatives of Specialized Services **GFL Environmental Services Inc.**, at 08:15 AM during daylight hours, at an ambient temperature of +13°C.



Seal of container



Seal of container

Container unsealing report is attached.

The cargo PINEAPPLE JUICE CONCENTRATE DEHUMIDIFICATED, 92 DRUM(S) was found in a 40' HIGH CUBE REEFER container (number **OTPU6093526**), corresponds to the one stated in the bill of lading **MEDUSD202215**. The temperature readings performed by infrared instant thermometer inside the container. The cargo (drums surfaces) is in the range between **-15°C** and **-13,7°C**, which does not correspond to the temperature of the recorder and the one stated in the Bill of Lading.



Temperature readings inside the container



Temperature readings inside the container

The cargo in the container is arranged in two tiers, in the center of the container and evenly distributed over the entire area. The barrels/drums are installed vertically on pallets in bundles of 4 pcs. There is no additional separation. The condition of the barrels before unloading: **damaged covers, deformation of barrels' shape, and visible leakages inside the container on the floor and on the walls of barrels as well.**

It's shipping & survey



Aug 26, 2024 at 8:18:20 AM
29160 Acheson Rd
Parkland County AB T7X 6A8
Canada

Leaks inside the container



Aug 26, 2024 at 8:18:15 AM
29160 Acheson Rd
Parkland County AB T7X 6A8
Canada

Leaks inside the container



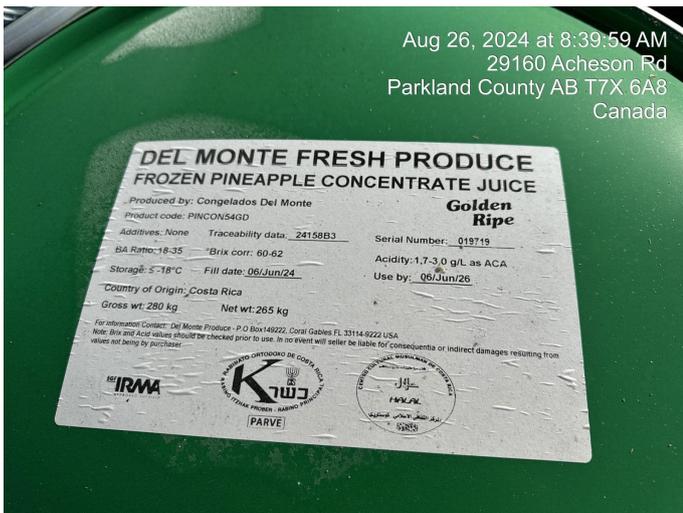
Aug 26, 2024 at 8:18:01 AM
29160 Acheson Rd
Parkland County AB T7X 6A8
Canada

The first row of drums, our inspector



Aug 26, 2024 at 8:17:26 AM
29160 Acheson Rd
Parkland County AB T7X 6A8
Canada

Warped drum lids



Aug 26, 2024 at 8:39:59 AM
29160 Acheson Rd
Parkland County AB T7X 6A8
Canada

Marking/label of drums



Aug 26, 2024 at 8:39:44 AM
29160 Acheson Rd
Parkland County AB T7X 6A8
Canada

Marking/label of drums

08:42 AM, L.T. - unlashng of cargo and commencement of discharging.

Cargo is discharged by warehouse workers, representatives of Specialized Services GFL Environmental Services Inc., using a forklift.

It's shipping & survey



Discharging of drums



Discharging of drums

Description of damaged drums:

Several drums containing pineapple juice concentrate show significant physical deformation. The most notable issues include:

- Dented and Warped Drum Lids: multiple drum lids are observed to be severely dented and deformed. This deformation likely occurred due to excessive pressure inside and/or improper handling during transportation. This was probably the reason for prolonged exposure to high temperatures inside the refrigerator, as well as incorrectly set temperature of the refrigeration equipment and its automation devices.
- Compromised Seals: The deformation of the drum lids has compromised the integrity of the seals, as evidenced by visible bulging and displacement of the lids from their original positions. This may have led to potential leakage or contamination.



Damaged Drums



Damaged Drum

Leaked Product:

- Traces of pineapple juice concentrate are visible on the exterior surfaces of some drums, indicating that leakage has occurred.
- This leakage appears to have originated from the compromised seals mentioned above.
- The leaked product has also contributed to the formation of sticky residues on the drum surfaces, further attracting dust and contaminants, which could impact the quality of the remaining contents.

It's shipping & survey



Leakage of cargo



Leakage of cargo

Upon arrival at the place of inspection and now (during inspection) the refrigeration unit is working normally, the temperature is set to -18, the cargo is cooled down.

Findings and tally count:

Exploded drums - **32 pieces**

Damaged and deformed shape of drums - **30 pieces**

Visually intact drums - **30 pieces.**

During re-loading, one drum fell down and the contents were spilled.

As instructed by the MSC representative, after washing out of internal surface of container and preparing the container for further shipment.

58 drums were loaded back into container and sent to the plant.

34 drums were sent for disposal.

During the discharging and inspection of the cargo, an EMERSON thermograph/ thermometer sensor with barcode No: XAA6825 were found attached on the wall of one barrel.

The sensor removed and taken away by Mr. Vinod Rana.

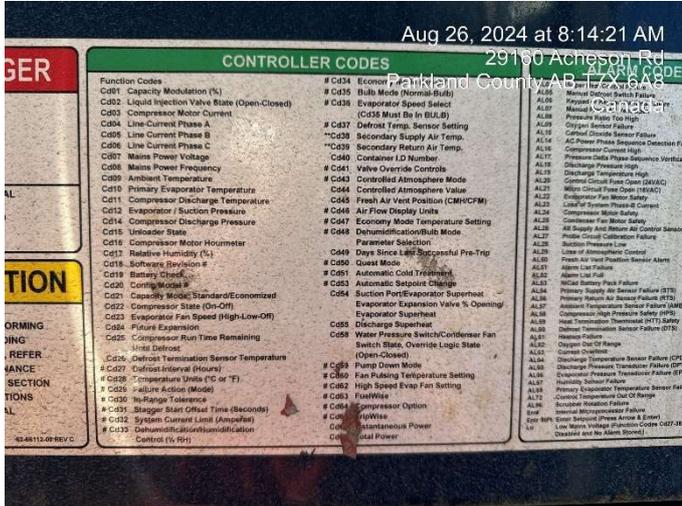
Readings from the sensor enclosed and shown below in the report.

During the re-loading process, one of the barrels (which intended for disposal) fell down and the contents were spilled. Road surface washed up by cleaning service company.

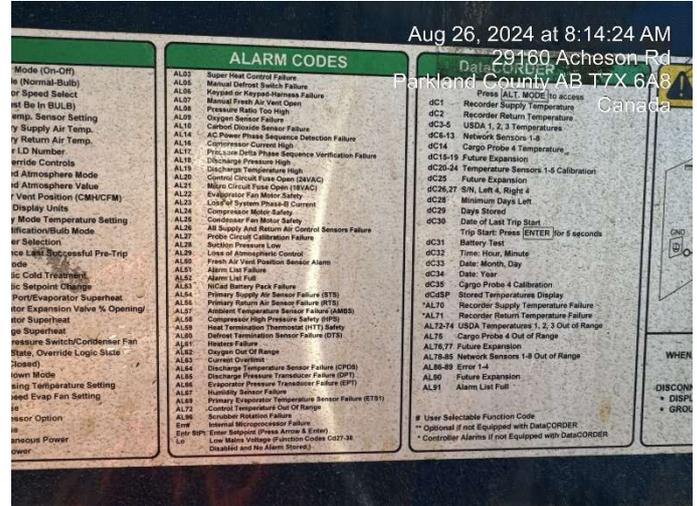
1:13 PM (13:13) - Completion of inspection.

PHOTO REPORT

Inspection of pineapple juice concentrate in Acheson, Canada, 26th of August, 2024



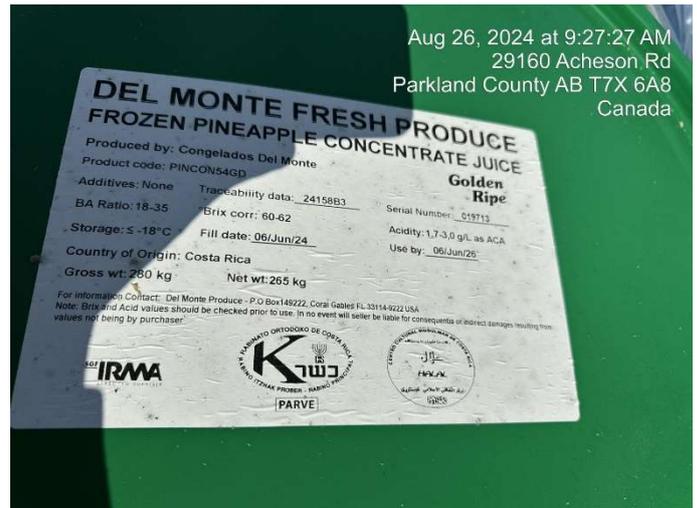
Controller codes



Controller codes



Marking of drums



Marking of drums



Temperature readings inside the container



Damaged Drums

It's shipping & survey



Damaged Drums



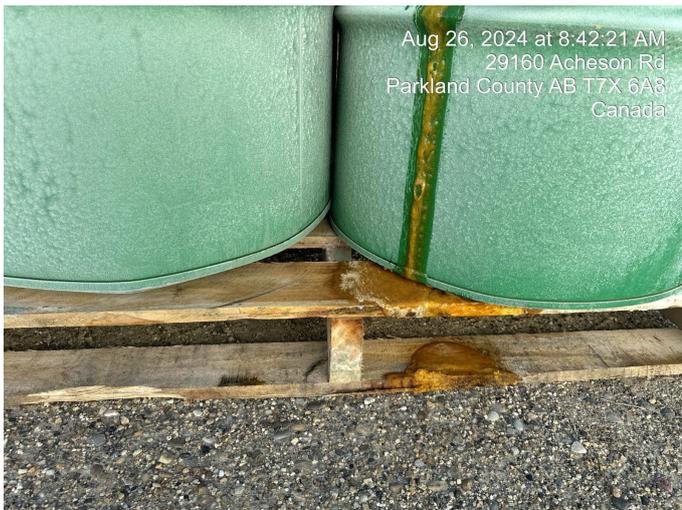
Damaged Drums



View of drums



Exploded Drums



Leakage of cargo



Warped Drum Lids, cargo leakage

It's shipping & survey



Aug 26, 2024 at 8:40:42 AM
29160 Acheson Rd
Parkland County AB T7X 6A8
Canada

Leakage of cargo



Aug 26, 2024 at 8:41:29 AM
29160 Acheson Rd
Parkland County AB T7X 6A8
Canada

Leakage of cargo



Aug 26, 2024 at 8:40:28 AM
29160 Acheson Rd
Parkland County AB T7X 6A8
Canada

Exploded Drums



Aug 26, 2024 at 8:41:18 AM
29160 Acheson Rd
Parkland County AB T7X 6A8
Canada

Warped Drum Lids



Aug 26, 2024 at 8:39:49 AM
29160 Acheson Rd
Parkland County AB T7X 6A8
Canada

Exploded Drums



Aug 26, 2024 at 8:39:36 AM
29160 Acheson Rd
Parkland County AB T7X 6A8
Canada

Exploded Drums

It's shipping & survey



Warped Drum Lids



Warped Drum Lids



Leakage of cargo, deformed lid



Leakage of cargo



Damaged Drums



Exploded Drums

It's shipping & survey



Exploded Drums



Exploded Drums



Warped Drum Lids, exploded barrels



Warped Drum Lids



Leakage of cargo



Leakage of cargo

It's shipping & survey



Warped Drum Lids



Warped Drum Lids



Discharged Damaged Drums



Recorder/sensor of temperature



Fallen barrel during loading back to truck



Fallen barrel during loading back to truck

It's shipping & survey



Intact drums, loaded back to ref.container



Intact drums, loaded back to ref.container



General view of container with intact drums after completion of inspection

It's shipping & survey



File Created Date: 2024/08/27 03:14:48

EMERSON™

Data Report

Note: All times shown are based on UTC and 24-Hour clock [YYYY/MM/DD HH:MM:SS]

Device Configuration

Serial Number

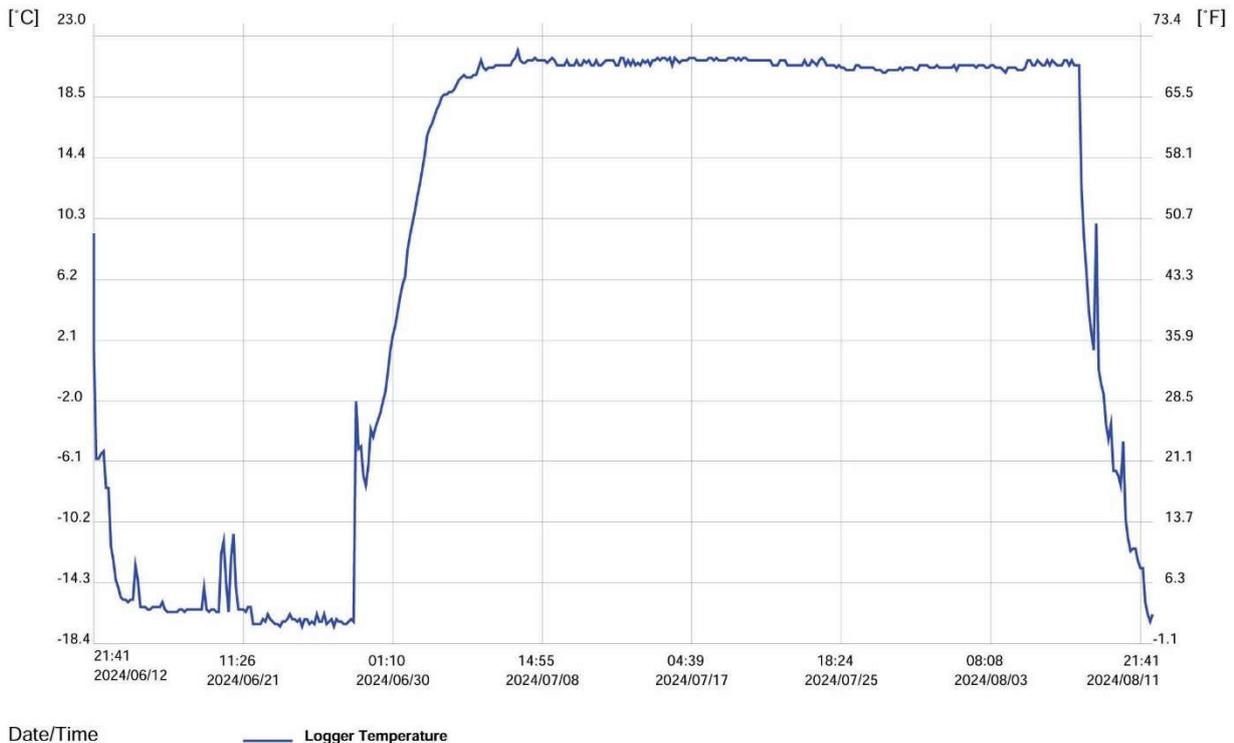
Start Delay: 30 min Interval Time: 12 min

XAA-6825 V3.02.02

Logging Summary

Max Temperature:	22.0°C	71.6°F	Start Time:	2024/06/12 21:41:31
Min Temperature:	-17.4°C	0.7°F	Stop Time:	2024/08/11 21:29:31
Average Temperature:	8.9°C	48.0°F	Total Time:	59 day 23 hr 48 min
MKT:	17.0°C	62.6°F	Data Points:	7200

Graph



Data Report from thermograph/thermometer sensor Emerson GO PDF Mini Logger with barcode No. XAA6825.

It's shipping & survey



The results of inspection are valid for the time and place of inspection only.

CISS GROUP North America Ltd. did not control movements of the containers from the date and time of inspection or witness the loading of containers on/from board the vessel.

This inspection has been performed on the goods for which it was requested according to our professional standards and to the best of our knowledge on the date and at the place it was performed, within the scope of instructions received. This inspection does not release seller(s) and/or supplier(s) and/or shipper(s) and/or other parties involved from their respective contractual obligations and does not prejudice the buyer(s)/receiver(s)' right to claim, under applicable law and contract, compensation from seller(s)/supplier(s)/shipper(s) regarding any defects not detected during our inspection or occurring thereafter. This inspection is also subject to CISS GROUP North America Ltd./CISS GROUP Pte.Ltd. Terms and Conditions of Business (<http://www.ciiss-group.com>). Headings and titles in this certificate/report are for reference only and the findings contained herein prevail as stated.

THE END OF REPORT

Dated: 26th of August, 2024



It's shipping & survey