

# Batch Inventory Control

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 [help.fractal.com/hc/en-us/articles/46184719211149-Batch-Inventory-Control](https://help.fractal.com/hc/en-us/articles/46184719211149-Batch-Inventory-Control)

Batch inventory control is a feature of the Spare Parts and Supplies module in Fractal One that allows tracking specific groups of items (supplies, materials, consumables, etc.) throughout their entire lifecycle within the warehouse, from entry to consumption or exit.

Each "batch" represents a set of units of the same item that share a common origin, a manufacturing date, a supplier batch number, and/or an expiration date.

## How to activate batch control on an item

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Activation is done directly in the item record, in the **Assets > Spare Parts and Supplies** section.

**Step 1** — Navigate to the Spare Parts and Supplies module and open the desired item.

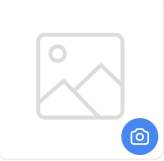
**Step 2** —Go to the "General" tab: In the left side menu of the item record, click on the **General** tab.

**Step 3** — Enable the "Batch Controlled" checkbox: Scroll down to the configuration section. You will find three control options: *Visible to all*, *Serial Controlled*, and Batch Controlled. Check the last checkbox.

When batch control is activated, the system will display a confirmation dialog with the following message: *"By enabling this option, a default batch will automatically be created in the warehouses where this item..."*. This means Fractal will automatically create a **Batch 1** (default batch) in all warehouses where the item already has recorded stock. Confirm by clicking **Accept**.

**Step 4** — Save the record: Click the **Save** button to keep the configuration.

← ACEITE BEREAL {} Save




Out of Service: No  
Enabled

Information  
You have pending changes to save!

General

- Custom Form
- Equivalences
- Warehouses
- Third Parties
- Lead in the assets



Nombre  
ACEITE BEREAL

Code

Unit  
LITROS

NUMERO DE PARTE

Fabricante  
BEREAL

MODELO

Otro 1

Otro 2

Barcode

Weight (lbs) Lb

Lead Time (days)

Type  
LIMPIEZA

Group 1  
LIQUIDOS

Group 2

Limit Access to this location  
 // FRACTTAL BRASIL/ Jonas C/

Visible to all  Serial Control  Lot controlled

Notes

**Note:** An item cannot be batch controlled and serial controlled at the same time. These configurations are mutually exclusive since they represent different traceability approaches: the serial identifies each unit individually, while the batch groups units from the same shipment.

## The Batch in the operational flow

Once batch control is active on the item, it appears in four places within the Warehouses module.

### 1. Warehouse Stock (Warehouses > Stock)

In the stock listing, the system shows the **Batch Status** column for each item. Possible values are:

- **ACTIVE** — the item has at least one active batch within the expiration period.
- **EXPIRED** — there are batches with expired expiration dates.
- **- (dash)** — the item does not have batch control enabled.

← ALM-JC
Save

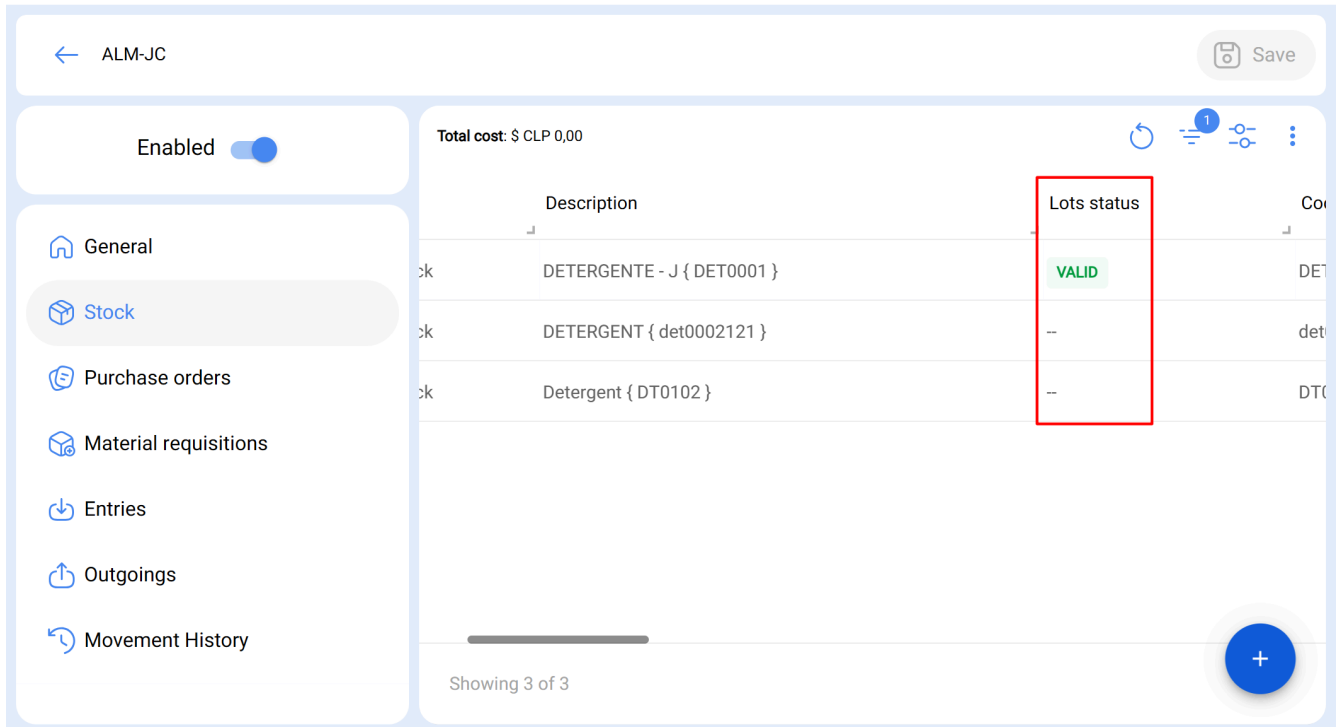



Enabled


- General
- Stock
- Purchase orders
- Material requisitions
- Entries
- Outgoings
- Movement History

Total cost: \$ CLP 0,00

Description	Lots status	Co
DETERGENTE - J { DET0001 }	VALID	DET
DETERGENT { det0002121 }	--	det
Detergent { DT0102 }	--	DT

Showing 3 of 3



Click the icon next to the item to open a side panel. There you will see the list of batches associated with that item in the warehouse, including batch code, expiration date, and available quantity in each batch.

## 2. Entry Records (Warehouses > Entries)

When creating an entry, whether it is a Purchase, Return, Manufactured, or Assignment Return type, the item table shows additional columns for items with batch control enabled: Batch Controlled, Batch Code, and Expiration Date.

### To record the entry of a batch-controlled item:

1. Navigate to *Warehouses > Entries* and click **New**.
2. Fill in the header fields: entry type, destination warehouse, and reference document.
3. Add the item to the table. You will see that the **Batch Controlled** column shows **Yes**.
4. In the **Batch Code** column, enter the code corresponding to this shipment. It can be the supplier's batch number or one assigned internally.
5. In the **Expiration Date** column, enter the expiration date for this shipment.
6. Complete the quantity and unit cost, then save the entry.

The image shows two overlapping forms. The background form is titled 'New Incoming Document' and includes fields for 'Delivery Date' (2026-06-19), 'Type from Incoming Document' (Purchase), 'Supplier', and 'Cost center'. The foreground form is titled 'New Item' and is highlighted with a red border. It contains the following fields: 'Item' (DETERGENTE - J { DET0001 }), 'Lot 1' (Lot code\*: 1, Expiration date: 2026-06-20, Qty\*: 20), and 'Unit' (LITROS). A blue button '+ Add lot' is located at the bottom of the 'New Item' form.

### 3. Exit Records (Warehouses > Outgoings)

When recording an exit of type **General**, **Work Order**, **Return** to supplier, **Transfer** between warehouses, or **Assignment**, the system shows the same batch columns in the item table: *Batch Controlled*, *Batch Code*, and *Expiration Date*.

#### To record the exit of a batch-controlled item:

1. Navigate to **Warehouses > Outgoings** and click **New**.
2. Fill in the header fields: exit type, source warehouse, and reference document.
3. Add the item to the table. You will see that the **Batch Controlled** column shows **Yes**.
4. In the **Batch Code** column, select or enter the batch code from which the units are withdrawn.
5. Verify the visible **Expiration Date** to confirm you are dispatching the correct batch.
6. Complete the quantity and save the exit.

← New Outgoing Document

Delivery Date: 2026-06-19

Type from Outgoing Document: General

Supplier: [Empty]

Warehouse Target: [Empty]

Note: [Empty]

Items

Description	Lot controlled	Lot code	Expiration date	Serial Control

← New Item ✓

Item: DETERGENTE - J { DET0001 }

Lot 1 EXPIRED

Lot code\*: 1

Expiration date: 2026-06-18

Stock: 30

Qty\*: 30

Unit: LITROS

← New Outgoing Document Save

Delivery Date: 2026-06-19

Type from Outgoing Document: General

Responsible: Jonas Campos {

Reference: 001

Supplier: [Empty]

Warehouse Target: [Empty]

Cost center: [Empty]

Note: [Empty]

Items Total: 1 + Add

Description	Lot controlled	Lot code	Expiration date	Serial Control	Issued Qty	Pending Quantity	Unit Cost	Total cost
DETERGENTE - J { DET0001 }	Yes	1	18/06/2026	No	30	30	\$ CLP 0,00	\$ CLP 0,00