

Tracking Products

Use the following procedure to configure a Tracking Product.

Prerequisites: Products should have been preconfigured for your Site, as well as assigned to the appropriate Ship To company. Refer to the *Products Configuration* help page for more information on configuring products. The Company Hierarchy should also be properly configured in order for Tracking Products to be tracked correctly. Refer to the *Company Hierarchy Configuration* help page for more information.



Tracking Products are products used to view on the ledger the sum of Product Groups or multiple products grouped together. It is also used to track the inventory of a tank product (component) that is loaded as one or more blend products. The tracked product is typically a dyed product that is a 100% blend of the tank product.

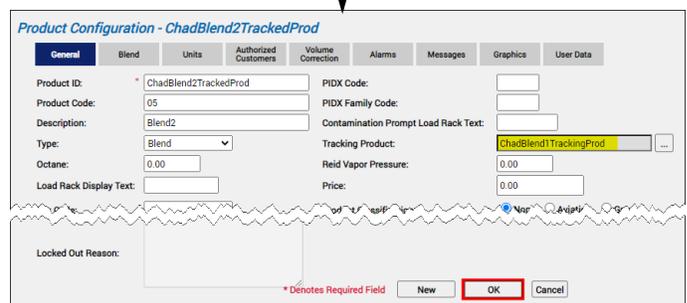
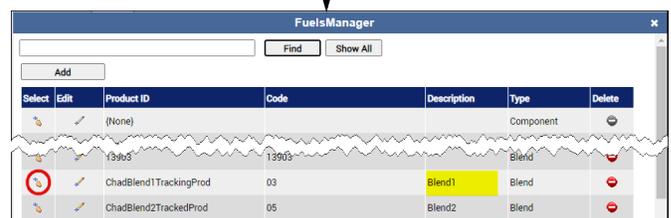
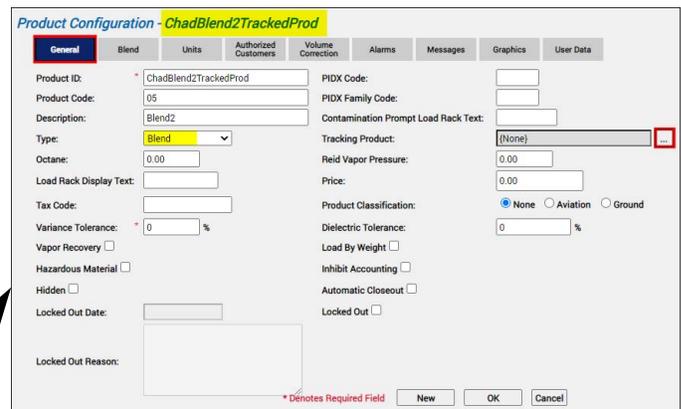
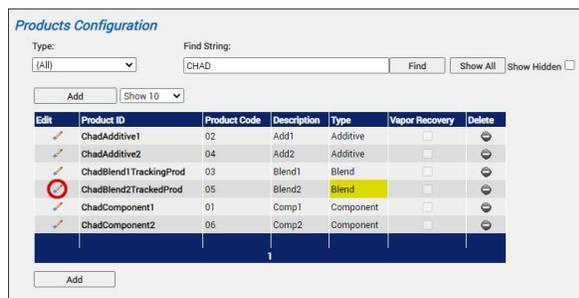
For example, if you define Diesel as the tracking product for both Off Road Diesel (dyed diesel) and regular Diesel, when you view the ledger, Diesel would show the sum of both Off Road and regular Diesel.

You must belong to a FuelsManager user group with appropriate security access rights to view and modify data. Some pages may not be available for entry or edit depending on your user security rights.

Configuring a Tracking Product

Follow these steps to configure a Tracking Product:

- 1) From the menu, select **Assets > Products > Products**. The Products Configuration page displays.
- 2) Click the **Edit** icon next to the *Blend* product Type you want to track. A multi-tab page displays.
- 3) Ensure that you are on the **General** tab.
- 4) Click the **Open** icon next to the *Tracking Product* field. A dialog display a list of products available.
- 5) Click the **Select** icon next to the *Blend* product type you want to use for Tracking. The selected product displays in the *Tracking Product* field.
- 6) Click **OK** to save the tracking product.



Example Scenario 1: Tracking One Product

BOL Transaction Showing the Tracking Product and Tracked Product

A BOL transaction was entered in FuelsManager on 07/08/22, which is the Inventory Date.

Looking at the Sub line items table, *ChadBlend1TrackingProd* shows a net volume of **500**, and *ChadBlend2TrackedProd* shows a net volume of **600**.

Add Subline-Item	Edit	Load Rack	Arm	Batch	Meter	Product	Addive	Preset	Gross	Net	Density	Temp	Tank	Status	Broken	Blend	Inproper	Add	Time	Delete
		Bay 1				ChadBlend1TrackingProd			500	500	43.0			Completed	False	False				
		Bay 1				ChadComponent1			500	500	43.0			Completed	False	False				
		Bay 1				ChadBlend2TrackedProd			600	600	43.0			Completed	False	False				
		Bay 1				ChadComponent1			700	700	43.0			Completed	False	False				
		Bay 1				ChadComponent2			600	600	43.0			Completed	False	False				

Ledger Showing the Tracking Product

When you view the Tracking Product on the Ledger, the BOL column on 07/08/22 (Inventory Date, which was the day the BOL was created) is subtracted with two amounts:

- *ChadBlend1TrackingProd* = (500)
 - *ChadBlend2TrackedProd* = (600)
- Total = (1,100)

Inventory Date	Adjustment	BOL	BOL Weight	Begin Inventory	Book Inventory	Meter Closeout	Order	Physical Inventory	Receipt	Receipt Weight	Regrade	Shipment	Supply Order	Total Physical Inventory	Total Variance	Transfer	Variance
07/01/22	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	0	0
07/06/22	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	0	0
07/07/22	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	0	0
07/08/22	0	0	(1,100)	0	(1,100)	0	0	N/A	0	0	0	0	0	0	0	0	0
07/09/22	0	0	0	0	(1,100)	0	0	N/A	0	0	0	0	0	0	0	0	0
07/10/22	0	0	0	0	(1,100)	0	0	N/A	0	0	0	0	0	0	0	0	0
07/11/22	0	0	0	0	(1,100)	0	0	N/A	0	0	0	0	0	0	0	0	0

Accounting Showing the Tracking Product

When you click on the BOL amount of **(1,100)** from the Ledger, the Accounting page shows the amount of the Tracking Product only:

- *ChadBlend1TrackingProd* = (500)

Edit	Inventory Date	BOL #	LoadID	Product	Gross	Status	Manager	Order
	07/08/22	202207080000015	CH401234	ChadBlend1TrackingProd	500	Completed	ChadManager	ChadCarrier

Ledger Showing the Tracked Product

When you view the Tracked Product on the Ledger, the BOL column on 07/08/22 (Inventory Date, which was the day the BOL was created) is subtracted with the Tracked Product amount only:

- *ChadBlend2TrackedProd* = (600)

Inventory Date	Adjustment	BOL	BOL Weight	Begin Inventory	Book Inventory	Meter Closeout	Order	Physical Inventory	Receipt	Receipt Weight	Regrade	Shipment	Supply Order	Total Physical Inventory	Total Variance	Transfer	Variance
07/01/22	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	0	0
07/02/22	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	0	0
07/03/22	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	0	0
07/04/22	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	0	0
07/05/22	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	0	0
07/06/22	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	0	0
07/07/22	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	0	0
07/08/22	0	0	(600)	0	(600)	0	0	N/A	0	0	0	0	0	0	0	0	0
07/09/22	0	0	0	0	(600)	0	0	N/A	0	0	0	0	0	0	0	0	0
07/10/22	0	0	0	0	(600)	0	0	N/A	0	0	0	0	0	0	0	0	0
07/11/22	0	0	0	0	(600)	0	0	N/A	0	0	0	0	0	0	0	0	0

Example Scenario 2: Tracking Two Products

BOL Transaction Showing the Tracking Product and Two Tracked Products

A BOL transaction was entered in FuelsManager on 07/08/22, which is the Inventory Date.

Looking at the Sub line items table, *ChadBlend1TrackingProd* shows a net volume of **500**, *ChadBlend2TrackedProd* shows a net volume of **600**, and *ChadBlend3TrackedProd* shows a net volume of **900**.

Add	Subline-Item	Edit	Load Rack	Arm	Batch	Meter	Product	Additive	Preset	Gross	Net	Density	Temp	Tank	Status	Broken Blend	Improper Add	Cancel	Delete
	Bay 1						ChadBlend1TrackingProd			500	500	43.0			Completed	False	False		
							ChadComponent1			500	500	43.0			Completed	False	False		
	Bay 1						ChadBlend2TrackedProd			600	600	43.0			Completed	False	False		
							ChadComponent1			0	0				Completed	False	False		
	Bay 1						ChadComponent1			700	700	43.0			Completed	False	False		
							ChadComponent2			500	800	43.0			Completed	False	False		
	Bay 1						ChadBlend3TrackedProd			900	900	43.0			Completed	False	False		
							ChadComponent1			900	900				Completed	False	False		

Ledger Showing the Tracking Product

When you view the Tracking Product on the Ledger, the BOL column on 07/08/22 (Inventory Date, which was the day the BOL was created) is subtracted with **three** amounts:

- *ChadBlend1TrackingProd* = (500)
 - *ChadBlend2TrackedProd* = (600)
 - *ChadBlend3TrackedProd* = (900)
- Total = (2,000)

Inventory Date	Adjustment	BOL	BOL-Weight	Begin Inventory	Book Inventory	Meter Closeout	Order	Physical Inventory	Receipt	Receipt Weight	Regrade	Shipment	Supply Order	Total Physical Inventory	Total Variance	Transfer	Variance
07/01/22	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	0	0
07/05/22	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	0	0
07/06/22	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	0	0
07/07/22	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	0	0
07/08/22	0	2,000	0	0	2,000	0	0	N/A	0	0	0	0	0	0	0	0	0
07/09/22	0	0	0	0	2,000	2,000	0	N/A	0	0	0	0	0	0	0	0	0

You can track multiple products using the same Tracking Product. The tracked product amounts will be accumulated on the Ledger when you view the Tracking Product.

Accounting Showing the Tracking Product

When you click on the BOL amount of **(2,000)** from the Ledger, the Accounting page shows the amount of the Tracking Product only:

- *ChadBlend1TrackingProd* = (500)

Edit	Inventory Date	BOL #	LoadID	Product	Gross	Status	Manager	Sr
	07/08/22	202207080000015	CH4D1234	ChadBlend1TrackingProd	500	Completed	ChadManager	ChadCarrier

Ledger Showing the Tracked Product

When you view the Tracked Product on the Ledger, the BOL column on 07/08/22 (Inventory Date, which was the day the BOL was created) is subtracted with the Tracked Product amount only:

- *ChadBlend3TrackedProd* = (900)

Inventory Date	Adjustment	BOL	BOL-Weight	Begin Inventory	Book Inventory	Meter Closeout	Order	Physical Inventory	Receipt	Receipt Weight	Regrade	Shipment	Supply Order	Total Physical Inventory	Total Variance	Transfer	Variance
07/01/22	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	0	0
07/02/22	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	0	0
07/03/22	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	0	0
07/04/22	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	0	0
07/05/22	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	0	0
07/06/22	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	0	0
07/07/22	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	0	0
07/08/22	0	900	0	0	900	0	0	N/A	0	0	0	0	0	0	0	0	0
07/09/22	0	0	0	0	900	900	0	N/A	0	0	0	0	0	0	0	0	0
07/10/22	0	0	0	0	900	900	0	N/A	0	0	0	0	0	0	0	0	0

Example Scenario 3: Tracking 100% Blends of a Component (Tank) Product

Products that are 100% Blends of a Component product are tracked by that Component product when viewed on the Ledger or Inventory Reconciliation.

Product Configuration

ChadBlend2TrackedProd and *ChadBlend3TrackedProd* are configured as 100% Blends of *ChadComponent1*.

Blend ID	Percent
ChadBlend2TrackedProd	100
ChadBlend3TrackedProd	100

BOL Transaction Showing the Component Product

A BOL transaction was entered in FuelsManager on 07/08/22, which is the Inventory Date.

Looking at the Sub line items table, there are four line items for *ChadComponent1* with the following amounts:

- ChadComponent1 = (500)
 - ChadComponent1 = 0
 - ChadComponent1 = (700)
 - ChadComponent1 = (900)
- Total = (2,100)

Add Subline-Item	Edit	Load Rack	Arm	Batch	Meter	Product	Additive	Preset	Gross Net	Density	Temp	Tank	Status	Broken Blend	Improper Add	CreateTime	Delete
		Bay 1				ChadBlend1TrackedProd			500	500	43.0		Completed	False	False		
		Bay 1				ChadComponent1			500	500	43.0		Completed	False	False		
		Bay 1				ChadComponent1			700	700	43.0		Completed	False	False		
		Bay 1				ChadComponent2			900	900	43.0		Completed	False	False		
		Bay 1				ChadBlend3TrackedProd			900	900	43.0		Completed	False	False		
						ChadComponent1			500	500	43.0		Completed	False	False		

Inventory Reconciliation Showing the Component Product

When you view the Inventory Reconciliation for the Component product, the BOL column on 07/08/22 (Inventory Date, which was the day the BOL was created) is subtracted with three amounts accumulated for *ChadComponent1*, amounting to **(2,100)**.

Closeout	Inventory Begin Date	Begin Inventory	Receipt	BOL	Regrade	Shipment	Adjustment	Book Inventory	Physical Inventory	Meter Closeout	Meter Order	Supply Total Activity	Transfer	Allowed Gain/Loss	Tolerance Percentage	Total Variance	Variance Percentage	
Closeout	07/01/22	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	N/A	0
Closeout	07/02/22	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	N/A	0
Closeout	07/03/22	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	N/A	0
Closeout	07/04/22	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	N/A	0
Closeout	07/05/22	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	N/A	0
Closeout	07/06/22	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	N/A	0
Closeout	07/07/22	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	N/A	0
Closeout	07/08/22	0	0	0	0	0	0	(2,100)	N/A	0	0	(2,100)	0	0	0	0	N/A	0
Closeout	07/09/22	(2,100)	0	0	0	0	0	(2,100)	N/A	0	0	0	0	0	0	0	N/A	0
Closeout	07/10/22	(2,100)	0	0	0	0	0	(2,100)	N/A	0	0	0	0	0	0	0	N/A	0

Ledger Showing the Component Product

When you view the Ledger for the Component product, the BOL column on 07/08/22 (Inventory Date, which was the day the BOL was created) is subtracted with three amounts accumulated for *ChadComponent1*, amounting to **(2,100)**.

Inventory Date	Adjustment	BOL	BOL Weight	Begin Inventory	Book Inventory	Meter Inventory	Order	Physical Inventory	Receipt	Receipt Weight	Regrade	Shipment	Supply Order	Total Physical Inventory	Total Variance	Transfer	Variance	
07/01/22	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	0	0	0
07/02/22	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	0	0	0
07/03/22	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	0	0	0
07/04/22	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	0	0	0
07/05/22	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	0	0	0
07/06/22	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	0	0	0
07/07/22	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	0	0	0
07/08/22	0	0	0	0	0	0	0	(2,100)	0	0	0	0	0	0	0	0	0	0
07/09/22	0	0	0	(2,100)	(2,100)	0	0	N/A	0	0	0	0	0	0	0	0	0	0
07/10/22	0	0	0	(2,100)	(2,100)	0	0	N/A	0	0	0	0	0	0	0	0	0	0

Accounting Showing the Component Product

When you click on the BOL amount of **(2,100)** from the Ledger or Inventory Reconciliation, the Accounting page shows the BOL transaction sub line item amounts for *ChadComponent1*.

Split	Inventory Date	BOL #	LoadID	Product	Gross	Status	Manager	Carrier
✓	07/08/22	202207080000015	CHAD1234	ChadComponent1	700	Completed	ChadManager	ChadCarrier
✓	07/08/22	202207080000015	CHAD1234	ChadComponent1	500	Completed	ChadManager	ChadCarrier
✓	07/08/22	202207080000015	CHAD1234	ChadComponent1	0	Completed	ChadManager	ChadCarrier
✓	07/08/22	202207080000015	CHAD1234	ChadComponent1	900	Completed	ChadManager	ChadCarrier