

Zeal Support: How to Use... Kitset / Stock Management

Manufacturing a Product from Components in Accredo

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Examples in this Lesson

- Blended Oil is produced
 Components to this production include Base Oil, Additives
- Finished Good is produced (Product sold to customer) Components to this production include – Blended Oil, Packaging

The production of these goods occurs at different stages. For example, Blended Oil is produced on mass, say 1000 Litres at any given time. Contrastingly, the Finished Good may be produced in smaller quantities. Furthermore, two variants may be produced from the one blend. This was noted in the case of Transmission and Brake Fluids.

Basic Outline of How to Record Manufacturing in Accredo

- 1. Open Maintain > Inventory Control > Components
- 2. Select the product you would like to 'Manufacture' that is, the product you are going to sell in the end to a customer.

This product must have already been made in **Maintain** > **Inventory Control** > **Products**. If you go here, you can go straight to Manufacturing the Components by clicking on **Components** at the bottom of the **Product** tab in IC Product Maintenance

- 3. Click 'Edit'
- 4. Select the **Component Mode** and If it's a **Non Diminishing** Product described below
 - a. None the Default Setting This is for products that do not have components, so is not a Manufactured product or a Kitset and will prevent your manufacturing of a product from working correctly when you add components in the lines field below.
 - b. **Automatic** For Diminishing products, the product can be automatically manufactured from its components. When the product is a component in a Manufacture, it will be automatically manufactured. The components will not be listed on invoices.
 - i. For Non Diminishing products (Automatic Kitsets), the components will be listed on invoices.
 - c. Manual For Diminishing products, the product must be manually manufactured. When the product is a component in a Manufacture, it will not be automatically manufactured. The components will not be listed on invoices.



- For Non Diminishing products (Manual Kitsets) you can select whether to show or hide Usages (components) on invoices. Set the default for Hide Usages by Default in Users, Groups and Roles - Preferences tab.
- 5. Now click Insert and look up the existing parts which make up the final product
- 6. Add the quantity of each part in the **UOM Quantity**
- 7. Repeat until all parts of that product are listed in the Component List
- 8. Go to the **Prices** tab and set the price you would like to sell the product for, and adjust any of the relevant prices if not automatically done, or if you would like to change the price anyway.
- 9. Add a Location of the product (Saturn only) if applicable
- 10. Press Save

The following example using the production of Transmission and Brake Fluids should hopefully explain this further.

Blended Oil Kitset Components

🖉 IC Component	Maintenance		×
Select Product	Blended oil 🔍 🖓 🖬 🖉	Blended Oil	
Product Prices			
Component Mode	Manual Non Diminishing	Manual Manufacture	
🖄 Part Code	Description	Quantity Unit Sub	
BASE OIL	Base Oil Ordered from Suppliers	0.00	
	Additives to Blended Oil	0.10	

1 x manufacture of this Blended Oil would produce 1 Litre (i.e. the base unit for the product '*BLENDED OIL*' is 1 Litre).

The Base Oils and Additives are ordered in Bulk from external suppliers. These items are then used in the production of Finished Goods. Examples of this process are as follows.

Transmission Fluid Components

🖋 IC Component Maintenance		
Select Product TRANSMISS	ION F V E 🖉 📝 Fini	ished Good (Transmission Fluid)
Product Prices		
Component Mode Manual	Non Diminishing 🔲	Manual Manufacture
🔄 Part Code	Description	Quantity Unit Sub 🖻
BLENDED OIL	Blended Oil	1.00 🗸
	Packaging for Transmission Fluid	1.00

1 x manufacture of this Transmission Fluid would produce 1 Litre (i.e. the base unit for the product *'TRANSMISSION FLUID'* is 1 Litre).

Brake Fluid Components

🍠 IC Component Maintenance			
Select Product BRAKE FLUI	d veē 🖉	Finished Good (Brake Fluid)	
Product Prices			
Component Mode None	Non Diminishing	Pending Manufacture]
🗳 Part Code	Description	Quantity Unit Sub	
	Blended Oil	1.00 🗸	
PACKAGING BRAKE FLUID	Packaging for Brake Fluid	1.00	
2			

1 x manufacture of this Brake Fluid would produce 1 Litre (i.e. the base unit for the product '*BRAKE FLUID*'s 1 Litre).

NOTE: The quantities are used for exemplary purposes. A quantity of 1 is used to Represent 1 litre.

Manufacturing 1000 units of blended oil has the following results

1 x 1000 Litres of Blended oil is manufactured

🖉 IC Product Maintenance	
Select Product BLENDED	OIL 🔻 🛛 🖹 🖹 📄 🖶 Blend
Product Suppliers/Bar Code	es Quantity Activity Locations Links Grapt
Selection Period	From
🛃 🛛 Datel Type	Quantity In Quantity Out Balance
30/09/2005 Manufactu	ure 1000.00 1000.00

1000 Litres manufactured thus stock balance increased to 1000

🔎 IC Product Maintenance	
Select Product BASE OIL	▼¶¥E 🙎 🖻 🐑 🖶 Base
Product Suppliers/Bar Codes Q	uantity Activity Locations Links Grap
Selection Period	From
Date Type	Quantity In Quantity Out Balance
30/09/2005 Usage	900.00 -900.00

0.9 x 1000 Litres of Base Oil required to produce 1000 Litres of Blended Oil

🖉 IC Product	Maintenance			
Select Product	ADDITIVES	- 7×e		🖹 😝 Addit
Product Sup	pliers/Bar Codes	Quantity Activ	vity Locations	Links Graph
Selection	Period	~	From	Y
2	Datel Type	Quantity	In Quantity Out	Balance
30/09/	2005 Usage		100.00	-100.00

0.1 x 1000 Litres of Base Oil required to produce 1000 Litres of Blended Oil

From this production of Blended Oil, Finished Goods can be produced. For example, 500 Litres of Transmission Fluid and 500 Litres of Brake Fluid can be produced.

Transmission Fluid

500 Litres of Transmission Fluid manufactured thus stock balances increased to 500

🖉 IC Product	t Maintenance			
Select Produc	t TRANSMISSION	F•7¥E 🙋		📑 Finis
Product Sup	pliers/Bar Codes 🛛 Q	uantity Activity L	ocations Link	s Grapł
Selection	Period	✓ From		~
2	Date Type	Quantity In Qu	Jantity Out I	Balance
	2005 Manufacture	500.00		500.00

500 x 1 Litre of Blended Oil required thus balance reduced to 500

<i>\$</i> 10	Product M	aintenance			
Sele	ct Product	BLENDED OIL	VXE	225	🖹 😝 Blend
Proc	luct Supplie	rs/Bar Codes 🛛 Q	uantity Activity	/ Locations	Links Graph
Sele	ection Pe	riod	Fri	om	~
2	Dat	tel Type	Quantity In	Quantity Out	Balance
	30/09/200	15 Manufacture	1000.00		1000.00
	30/09/200	15 Usage		500.00	500.00

500 x 1 Pack of Packaging required thus balance reduced to 500

🌌 IC Produc	t Maintenance			
Select Produ	ct PACKAGING TRA	VVVE	22	📄 😝 Packa
Product Su	opliers/Bar Codes 🛛 Qu	Jantity Activity	Locations	Links Graph
Selection	Period	Pro	m	~
2	Date Type	Quantity In	Quantity Out	Balance
	V2005 Usage		500.00	-500.00

Brake Fluid

500 Litres of Brake Fluid manufactured thus stock balance increased to 500

🖉 IC Product	Maintenance			
Select Product	BRAKE FLUID	• • • E		🖹 😝 Finis
Product Supp	oliers/Bar Codes 🛛 Qu	Jantity Activity L	_ocations	Links Grapl
Selection	Period	✓ From		~
	Date Type	Quantity In Qu	uantity Out	Balance
30/09/2	2005 Manufacture	500.00		500.00

500 x 1 Litre of Blended Oil required thus balance reduced to 0

🎢 IC Product Maintenance					
Select Product	BLENDED OIL 🔍 🔍 🖹 💽 📄 🖶 Blen				
Product Supp	Product Suppliers/Bar Codes Quantity Activity Locations Links Graph				
Selection	Period From				
🖹 C	atel Type Quantity In Quantity Out Balance				
30/09/2	005 Manufacture 1000.00 1000.00				
	005 Usage 500.00 500.00				
30/09/2	005 Usage 0.00				

500 x 1 Pack of Packaging required thus balance reduced to 500

🔎 IC Product Ma	aintenance	
Select Product	PACKAGING BRAIVIE Z E	Pack
Product Supplier	rs/Bar Codes Quantity Activity Locations Links G	Fapl
Selection Pe	eriod 🔽 From	~
📑 Dati	el Type 🔰 Quantity Ini Quantity Out 👘 Balar	ncel
30/09/200	500.00 -500 -500	.00



Net Result of all transactions:

Base Oil	900 Litres used in production of 1000 L Blended oil
Additives	100 Litres used in production of 1000 L Blended oil
Blended Oil	1000 Litres produced and used in producing Finished Goods
Packaging Brake	500 Packages required to product Finished Good
Packaging Transmission	500 Packages required to product Finished Good
Transmission Fluid	500 1 Litre packs produced
Brake Fluid	500 1 Litre packs produced

The following example using the production of Transmission and Brake Fluids explains the production of 4 Litre containers.

Blended Oil Kitset Components (NOTE: Same kitset as above example)

🖋 IC Component	Maintenance		
Select Product	Blended oil 🔍 🖓 E 📓 📝	Blended Oil	
Product Prices			
Component Mode	Manual Non Diminishing	Manual Manufacture	
🖆 Part Code	Description	Quantity Unit Sub	
Part Code BASE OIL ADDITIVES	Base Oil Ordered from Suppliers	0.90	
	Additives to Blended Oil	0.10	

1 x manufacture of this Blended Oil would produce 1 Litre (i.e. the base unit for the product '*BLENDED OIL*' is 1 Litre).

The Base Oils and Additives are ordered in Bulk from external suppliers. These items are then used in the production of Finished Goods. Examples of this process are as follows.

Transmission Fluid Components

🖉 IC Component Maintenance	
Select Product TRANSMISSION F VEB	Finished Good (Transmission Fluid) (4L)
Product Prices	
Component Mode Manual Non Diminishing 🗌	Manual Manufacture
Part Code Description	Quantity Unit Sub
Part Code Description BLENDED OIL Blended Oil	Quantity Unit Sub

1 x manufacture of this Transmission Fluid would produce 1 x 4 Litre pack of oil (i.e. the base unit for the product '*TRANSMISSION FLUID*' is 4 Litres).

Brake Fluid Components

🥓 IC Component Maintenance	
Select Product BRAKE FLUID (4L 🔍 🖓 🗉 🛃	Finished Good (Brake Fluid) (4L)
Product Prices	
Component Mode Manual Non Diminishing	Manual Manufacture
Part Code Description	Quantity Unit Sub
BLENDED OIL Blended Oil	4.00
PACKAGING BRAK Packaging for Brake Fluid (4L)	1.00

1 x manufacture of this Brake Fluid would produce 1 x 4 Litres of oil (i.e. the base unit for the product '*BRAKE FLUID*' is 4 Litres).

NOTE: The quantities are used for exemplary purposes. A quantity of 1 is used to Represent 1 litre.

Manufacturing 1000 units of blended oil has the following results

1 x 1000 Litres of Blended oil is manufactured

<i>#</i> 10	🕫 IC Product Maintenance				
Sele	ct Product	ILENDED OIL	• 7 × E	22	🖹 😝 Blen
Prod	luct Suppliers	/Bar Codes 🛛 Qu	Jantity Activity	Locations	Links Grapl
Sele	ction Peri	od	✓ From From From From From From From From	om	Y
	Date	Туре	Quantity In	Quantity Out	Balance
	30/09/2005	Manufacture	1000.00		1000.00
	30/09/2005	Usage		500.00	500.00
	30/09/2005	Usage		500.00	0.00
	30/09/2005	Manufacture	1000.00		1000.00

1000 Litres manufactured thus stock balance increased to 1000

🍠 IC Product Maintenance				
Select Product BASE OIL	- 7 Ve 💈		🖹 😝 Base	
Product Suppliers/Bar Codes	Product Suppliers/Bar Codes Quantity Activity Locations Links Grap			
Selection Period From				
🛃 Date Type	Quantity In Q	uantity Out	Balance	
30/09/2005 Usage		900.00	-900.00	
30/09/2005 Usage		900.00	-1800.00	

0.9 x 1000 Litres of Base Oil required to produce 1000 Litres of Blended Oil

🔎 IC Prod	uct Mai	ntenance			
Select Prod	luct	ADDITIVES	TV× E	22	🖹 😝 Addii
Product S	Product Suppliers/Bar Codes Quantity Activity Locations Links Grap				
Selection	Peri	od	✓ From From From From From From From From	om	Y
Selection		od Type		om Quantity Out	Balance
2		Туре			Balance

0.1 x 1000 Litres of Base Oil required to produce 1000 Litres of Blended Oil

From this production of Blended Oil, Finished Goods can be produced. For example, 500 Litres of Transmission Fluid (125 x 4 litre packs) and 500 Litres of Brake Fluid (125 x 4 litre packs) can be produced.

Transmission Fluid

125 x 4 Litres of Transmission Fluid manufactured thus stock balances increased to 125

🔎 IC Product Maintenance	
Select Product TRANSMISSION	For the second s
Product Suppliers/Bar Codes Qu	antity Activity Locations Links Grap
Selection Period	From
🛃 🛛 Datel Type	Quantity In Quantity Out Balance
30/09/2005 Manufacture	125.00 125.00

125 x 4 Litres of Blended Oil required thus balances reduced to 500

🦉 IC Product Maintenance					
Sele	ect Product	BLENDED OIL	• V ×E	22	🖹 😝 Blen
Proc	Juct Supplier	s/Bar Codes 🛛 Qu	Jantity Activity	/ Locations	Links Grap
Sele	ection Pe	riod	Pro	om 📃	~
2	Dati	e Type	Quantity In	Quantity Out	Balance
	30/09/200	5 Manufacture	1000.00		1000.00
	30/09/200	5 Usage		500.00	500.00
	30/09/200	5 Usage		500.00	0.00
	30/09/200	5 Manufacture 👘	1000.00		1000.00
	30/09/200	5 Usage		500.00	500.00

125 x 1 Pack of Packaging required thus balances reduced to 125



🖋 IC Product Maintenance		
Select Product PACKAGING TRA	• 7 × E 🛛 🖻 🖻 🗉	Pacl
Product Suppliers/Bar Codes Qu	antity Activity Locations Li	inks Grap
Selection Period	From	~
📑 Datel Type	Quantity In Quantity Out	Balance
30/09/2005 Usage	125.00	-125.00



125 x 4 Litres of Brake Fluid manufactured thus stock balances increased to 125

🖉 IC Product	Maintenance
Select Product	BRAKE FLUID (4L 🛛 🖓 🗷 🖹 📄 Fini
Product Sup	oliers/Bar Codes Quantity Activity Locations Links Gra
Selection	Period From
2	Datel Type 👘 Quantity Ini Quantity Out 👘 Balance
30/09/	2005 Manufacture 125.00 125.00

125 x 4 Litre of Blended Oil required thus balances reduced to 0

🖉 IC	🍠 IC Product Maintenance					
Sele	Select Product BLENDED OIL 🗣 🕬 🖻 😭 Blen					
Proc	Juct Suppliers	/Bar Codes 🛛 Qu	antity Activity	Locations	Links Grapl	
Sele	ection Perio	od	🔽 Fro	om 📃	~	
2	Date	Туре	Quantity In	Quantity Out	Balance	
3	30/09/2005	Manufacture	1000.00		1000.00	
	30/09/2005	Usage		500.00	500.00	
	30/09/2005	Usage		500.00	0.00	
	30/09/2005	Manufacture	1000.00		1000.00	
	30/09/2005	Usage		500.00	500.00	
1	30/09/2005	Usage		500.00	0.00	

125 x 1 Pack of Packaging required thus balances reduced to 125

🦉 IC Product Maintenance		
Select Product	PACKAGING BRA	ick
Product Suppliers/Bar Codes Quantity Activity Locations Links Grap		
Selection Pe	eriod From	
🛃 Dat	el Type 👘 👘 Quantity Ini Quantity Out 👘 Balanc	e
30/09/200	5 Usage 125.00 -125.0	0

Net Result of all transactions:

Base Oil Additives Blended Oil Packaging Brake (4L) Packaging Transmission (4L) Transmission Fluid (4L) Brake Fluid (4L) 900 Litres used in production of 1000 L Blended oil
100 Litres used in production of 1000 L Blended oil
1000 Litres produced and used in producing Finished Goods
125 Packages required to product Finished Good
125 Packages required to product Finished Good
125 x 4 Litre packs produced
125 x 4 Litre packs produced

Pricing Flexibility

Accredo offers a wide range of methods for managing pricing. The special pricing module allows prices to be tailored to both broad and specific situations. For example, individual customers / products / sales areas or a mix / group of these can obtain special price(s). Furthermore, pricings can be based on quantities ordered for a selected date range. Price lists can be produced to detail a selected customer's price structure. Thus specific price lists can be set up and easily managed.