

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.

- i. 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.***

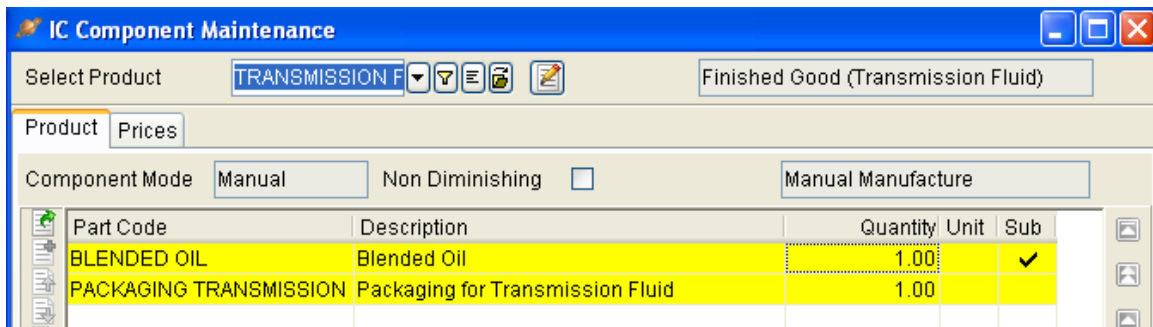
### Blended Oil Kitset Components

Part Code	Description	Quantity	Unit	Sub
BASE OIL	Base Oil Ordered from Suppliers	0.90		
ADDITIVES	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).

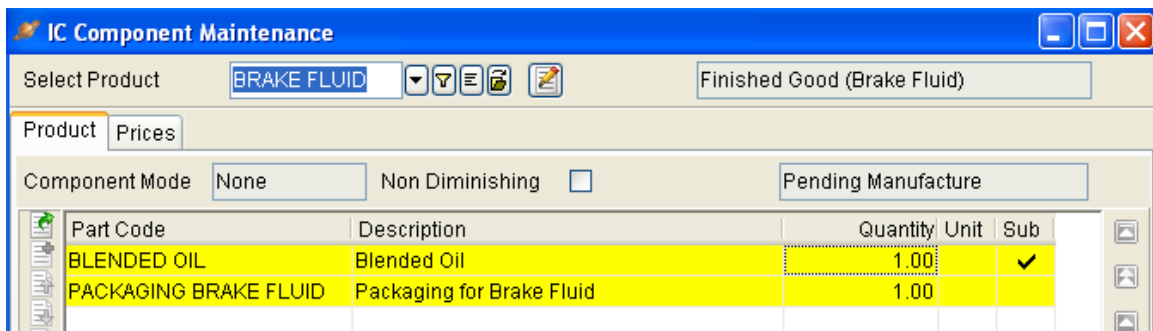
The Base Oils and Additives are ordered in Bulk from external suppliers. These items are then used in the production of Finished Goods. Examples of this process are as follows.

## Transmission Fluid Components



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

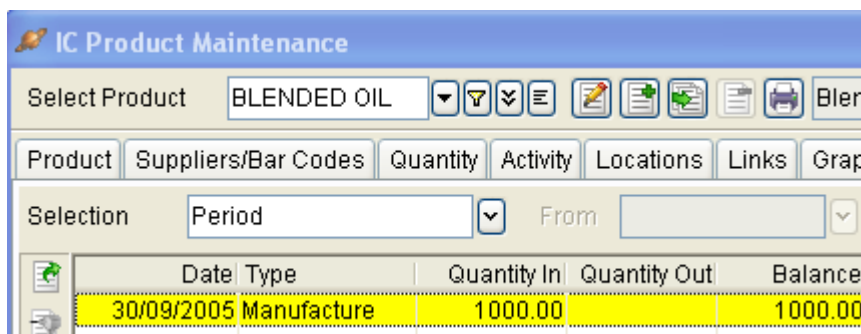


1 x manufacture of this Brake Fluid would produce 1 Litre (i.e. the base unit for the product 'BRAKE FLUID' is 1 Litre).

**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



1000 Litres manufactured thus stock balance increased to 1000

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

Date	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

Date	Type	Quantity In	Quantity Out	Balance
30/09/2005	Manufacture	500.00		500.00

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

Date	Type	Quantity In	Quantity Out	Balance
30/09/2005	Manufacture	1000.00		1000.00
30/09/2005	Usage		500.00	500.00

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

Date	Type	Quantity In	Quantity Out	Balance
30/09/2005	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

Date	Type	Quantity In	Quantity Out	Balance
30/09/2005	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

Date	Type	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

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

**IC Product Maintenance**

Select Product: PACKAGING BRAKE FLUID

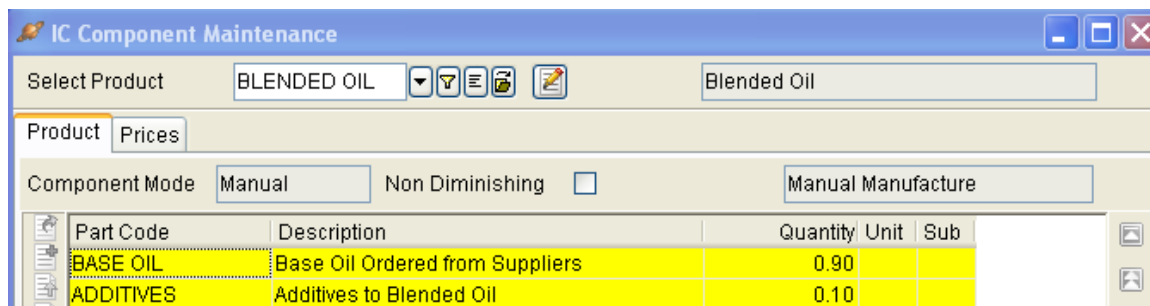
Date	Type	Quantity In	Quantity Out	Balance
30/09/2005	Usage		500.00	-500.00

**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.

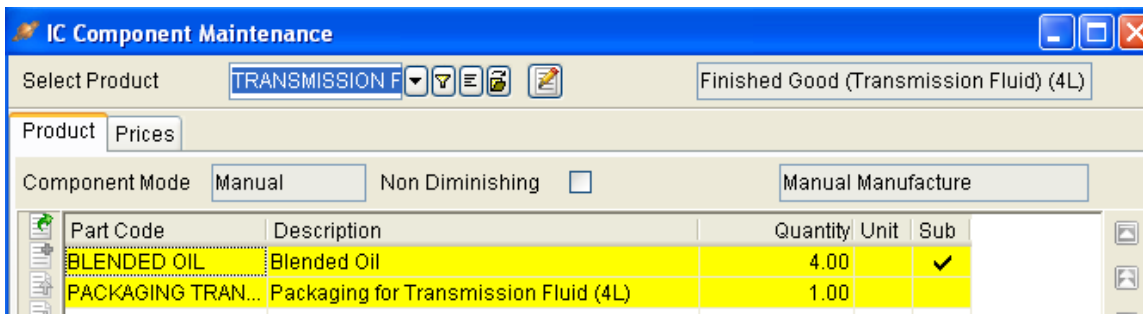
Blended Oil Kitset Components (**NOTE:** Same kitset as above example)



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

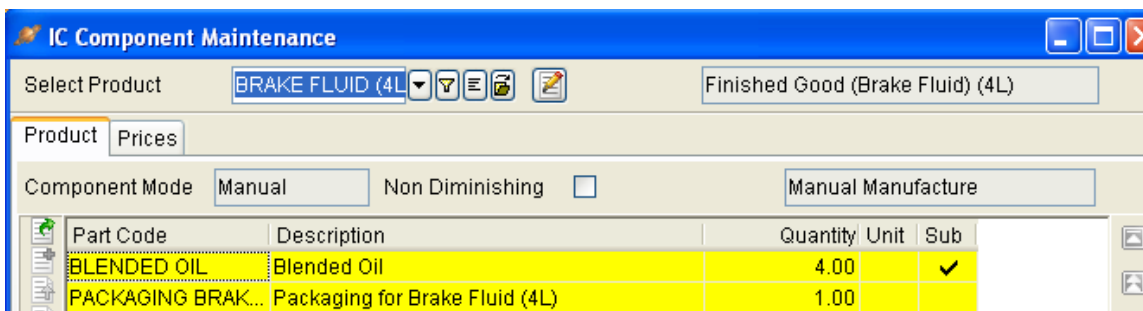
The Base Oils and Additives are ordered in Bulk from external suppliers. These items are then used in the production of Finished Goods. Examples of this process are as follows.

## Transmission Fluid Components



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

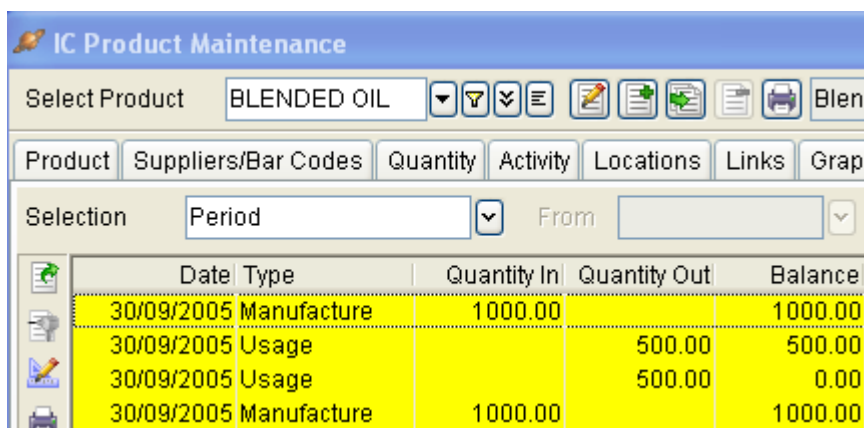


1 x manufacture of this Brake Fluid would produce 1 x 4 Litres of oil (i.e. the base unit for the product 'BRAKE FLUID' is 4 Litres).

**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





1000 Litres manufactured thus stock balance increased to 1000

IC Product Maintenance

Select Product: BASE OIL

Product	Suppliers/Bar Codes	Quantity	Activity	Locations	Links	Graph
Selection: Period [ ] From [ ]						
Date	Type	Quantity In	Quantity 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 Product Maintenance

Select Product: ADDITIVES

Product	Suppliers/Bar Codes	Quantity	Activity	Locations	Links	Graph
Selection: Period [ ] From [ ]						
Date	Type	Quantity In	Quantity Out	Balance		
30/09/2005	Usage		100.00	-100.00		
30/09/2005	Usage		100.00	-200.00		

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 (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

Date	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

Date	Type	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
30/09/2005	Usage		500.00	500.00

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

Date	Type	Quantity In	Quantity Out	Balance
30/09/2005	Usage		125.00	-125.00

### Brake Fluid

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

Date	Type	Quantity In	Quantity Out	Balance
30/09/2005	Manufacture	125.00		125.00

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

Date	Type	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
30/09/2005	Usage		500.00	500.00
30/09/2005	Usage		500.00	0.00

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

Date	Type	Quantity In	Quantity Out	Balance
30/09/2005	Usage		125.00	-125.00

**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 (4L)	125 Packages required to product Finished Good
Packaging Transmission (4L)	125 Packages required to product Finished Good
Transmission Fluid (4L)	125 x 4 Litre packs produced
Brake Fluid (4L)	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.