

KPL, KPG, KWM pump

End-of-Life Information

Grundfos KPL and KWM products must be disposed according to local regulations by using a public or private waste collection service. If this is not possible, contact the nearest Grundfos company or service workshop.

Safety Risk

- Safety related to materials used
There is no risk for people during the disassembly process posed by the materials used in the product.
- Safety related to environment
KPL, KPG and KWM pumps contain oil of type Castrol hyspin AWS 32 or Shell Ondina X420
The volume of oil varies from 1.7 to 74 liters depending on product size.
- Safety related to handling the product
Care should be taken:
 - a) To ensure that the pump and the pump parts are washed in the best possible way before disassembly.
Note: If the pump has been processing/pumping a liquid which is injurious to health or toxic, it may be classified as a contaminated item and handled as such
 - b) Due to the weight of the pump.

Disassembly of the Product

The main materials of the components are:

- Cast iron
- Steel
- Copper/Bronze/Brass
- Aluminum
- Polymers/Composite materials.

The materials used can be recycled to a large extend – depending on the national possibilities for recycling.

The pump is assembled by using screws and bolts and can be disassembled with standard tools. There are no loose parts inside the motor.

Position	Material	Special Disassembly Consideration
1	Stainless steel	
2	Cast iron	
3	Carbon steel/stainless steel	
4	Copper	The rubber outside the copper wires in the cable must be removed from the copper and disposed in an environmentally sound way. The stator is heat-shrink fitted into the stator housing.
5	NBR rubber	
6	Silicon	
7	Ductile iron	

Additional materials:

Screws, nameplate, bearings, washers, etc. are made of stainless steel and brass.

Sectional drawing (principal)

