

Quenching Oil Cartridges

NL 4416 92SS

Separation : Liquid/Solid
Equipment : FILTER
Media : disposable
Technical

Product references

NL 4416 92 SS : filtration rate 5 μ
NL 4416 92 T10 : filtration rate 10 μ
NL 4416 92 TO : filtration rate 25 μ
NL 4416 92 SS X5 : double filtration rate 5 μ + 25 μ

Application

Filtration of quenching oils damaged by the heat.

Functional Technical Characteristics

Filtration rate

5 μ at 90%, (new cartridge)

Standard flow rate

500 liters/hour.

è Important : do not use this flow rate for the calculation of the filters' dimensions.
Contact our technical department.

Temperature

< 160 °C

Geometrical Technical Characteristics

External Diameter : 165 mm \pm 3 mm
Inside diameter : 62 mm \pm 2 mm
Height : 440 - 0/+6 mm

Maintenance :

The cartridges must be changed regularly. As the retained quantity of matters is important, it is advisable to foresee a hook to pull out the cartridges

Water Absorption :

One cartridge has an absorption capacity of approximately 2 liters of water, **which will clog up the cartridge.**

The lifetime :

The lifetime is function of the specific chemical impregnation of the polymerization catalyze. The cartridges will have a maximum lifetime of 3000 m³, which means 6000 hours under continuous flow rate of 0,5 m³/h (8 months).

Important Information ::

In order to obtain good quality of the manufactured pieces during the thermal treatment applications, it is **IMPERATIVE** to run the filtration system **twenty-four hours a day, including the week-and holidays.**

Destruction :

Accordingly to the French environmental code, article R 541-8, annex Two the **LEFCO**[®] oil cartridges are part of the categories 15.02.02.

A special plastic bag is provided to wrap up the used cartridge. These cartridges must be sending towards an authorized treatment center. A list of these centers could be indicated on demand.

Protection of the persons :

Avoid the contact with the cartridges saturated by the petroleum products. This can create allergic reactions on your skin and could be dangerous.