



CleverFilter®

THE FILTRATION PEOPLE

www.cleverfilter-group.com

CNFP20

Oil Purifier Series – mobile or permanent

Water and gases in hydraulic, lubrication or insulating fluids are showing a negative impact on the performance of these fluids and menace system reliability.

Features

- The fully automated **CNFP20** Series Oil purifier is designed for mobile use at two or more different systems but also as permanent installation at one system. It just requires electrical supply and is very easy to handle.
- Water and gas are carefully removed by using a special vacuum dehydration process
- Particulate contaminant removal is achieved with our high performance rated filter elements.
- The **CNFP20** removes 100% free water as much as 95% of dissolved water. Furthermore it will also remove 100% of free and entrained gases and up to 90% dissolved gases

Benefits

- Oil oxidation and formation of acids following from this are significantly slowed down
- Service life of the oil is extended many times
- Wear and tear and hence maintenance is clearly reduced
- Excellent fluid purification by **CNFP20** results in a well improved system's reliability



CNFP20 Oil Purifier Series





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Technical Data

Weight	Dimensions L x W x H approx.	Flow rate	Wattage	Oil scope	Oil viscosity (max.)	Operating temperature
182 kg	1065 x 583 x 1050 mm	20 l/min	2.25 kW	Hydraulic- and Turbine-oils; Phosphate Ester fluids	< 700 cSt	10 ~ 70°C

Inlet / outlet connection	Inlet vacuum minimum	Operating vacuum, adjustable	Maximum outlet pressure	Power supply*
G1 “ external thread	- 0.4 bar g	- 0.6 ~ - 0.9 bar g	max. 9 bar g	380 V, 3 P, 50 Hz

*others on request

Product Code

CNFP20 – 380 – 03 – Z – C

CNFP20: Oil purifier

Power supply:

380 V, 3 P, 50 Hz

Other power types available on request.

Installation:

C : Mobile (castors)

F : Fixed (skid mounted)

Sealing:

Z : Viton

H : Buna N

Particle retention rate:

01: 1µm ; 03: 3µm ; 05: 5µm

Caution:

Do not use **CNFP20** when the fluid to be purified has a flash point below 95°C or is contaminated with toxic, flammable or combustible substances. Contact Cleverfilter for advise.