

FINE FILTRATION OF YOUR LUBRICATION OIL AROUND THE CLOCK

SANDVIK OFFLINE OIL FILTRATION UNIT FOR CONE CRUSHERS

SANDVIK



PROTECT YOUR COMPONENTS ENHANCE YOUR PERFORMANCE

Your equipment is exposed to dusty work environments daily, leading to contamination of the lubrication oil that protects your components. Sandvik's offline filtration unit removes unwanted solid particles, degradation products and water that can lead to component failure, costly repairs – and lost production.

Our offline filtration unit for cone crushers is a simple upgrade that will enhance your performance and keep your system running smoothly. And because it's offline, it never affects your crusher's availability.

Reduce wear on your internal crusher components, extend your oil life by more than five times, and enjoy nonstop fine filtration with our offline unit.

24/7 up to **5x**

Fine filtration that better protects your crusher components

Longer oil life

INCREASED PROFITS INCREASED PRODUCTIVITY

Our offline filtration unit offers a host of productivity-increasing and performance-enhancing benefits for your cone crusher.

SAFEGUARD YOUR PRODUCTIVITY

Our offline filter works around the clock to keep your oil cleaner, helping you avoid unscheduled downtime and lost production caused by severe system failures.

ENJOY BETTER RELIABILITY

Oil contamination causes approximately 80% of all oil system failures. Our offline filters help you avoid premature component wear and component failures that are caused by contaminants in your oil.

REDUCE YOUR ENVIRONMENTAL IMPACT

Significantly reduce your oil consumption by extending the life of your oil with our offline filter. This also means fewer oil changes, a longer life for your inline filters and less waste disposal.

INCREASE YOUR PROFIT

Our offline filter helps you reduce the frequency of oil changes, your consumption of inline filters, and the number of maintenance stops you need to make, increasing your productivity and profit.



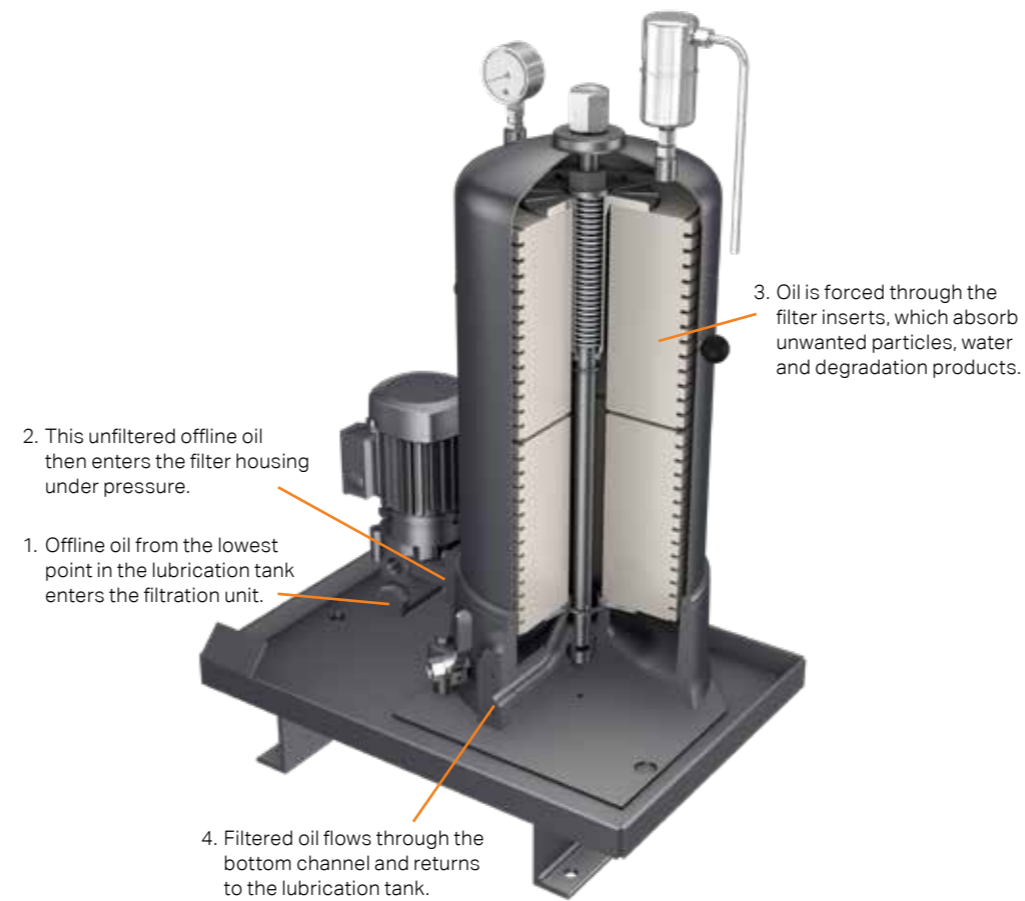
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MODEL 27/54



MODEL 27/108

SPECIFICATIONS - FILTRATION UNIT

	Model 27/54	Model 27/108
Dimensions (LxWxH)	650 x 450 x 1055	650 x 450 x 1590
Weight – dry (kg)	100	125
Material	Steel and cast iron	Steel and cast iron
Ambient temperature	- 20°C to + 40°C	- 20°C to + 40°C
Voltage	400-690 volts	400-690 volts
Frequency	50/60 Hz	50/60 Hz
Protection class	IP55	IP55
Power consumption (average)	0.2-0.35 kW	0.2-0.35 kW
Noise level	< 70 dB	< 70 dB
Max. oil temperature	80 °C	80 °C
Bypass valve opening pressure	2.3 bar ±10%	2.3 bar ±10%
Nominal oil flow	200 l/h (@ 50 Hz) 240 l/h (@ 60 Hz)	400 l/h (@ 50 Hz) 480 l/h (@ 60 Hz)
Oil capacity	20 L	40 L
Particle removal	8 L	16 L
Water absorption	4 L	8 L
Oil degradation products removal	8 kg	16 kg
No. of filter inserts	2	4

SPECIFICATIONS – FILTER INSERT (B27/27)

Material	Wood cellulose and cotton liners
Dimensions (Ø x H)	27 x 27 cm
Filtration degree	3 µm absolute: 98.7% of all solid particles >3 µm 0.8 µm nominal: 50% of all solid particles >0.8 µm
Filtration capacity	4 L of evenly distributed solid particles 2 L of water 4 kg of oil degradation products
Maintenance protocol	Change filter inserts every 12 months or when pressure gauge reaches 2.0 bar, whichever comes first. Change O-rings and seals for filter housing with every filter insert replacement.
Filter insert article number	912.0352-00 (2 pieces/box)
O-ring seal kit article number	873.1560-00

RECOMMENDED CRUSHER COMPATIBILITY

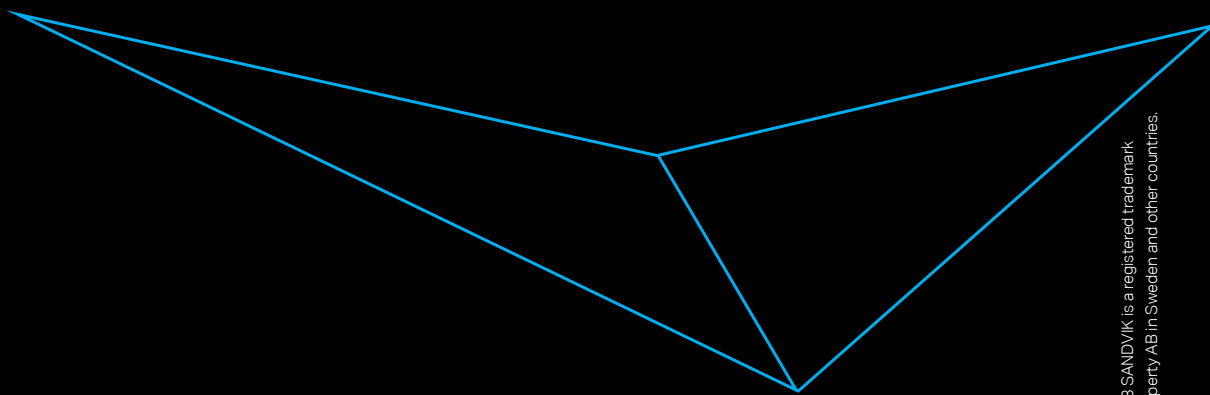
Model 27/54:

SANDVIK CH420*, CH430*, CH440*, CH540, CH550, and CH660*.
SANDVIK CS420*, CS430*, CS440*, CS550 and CS660*.
Optional connection kits available.

Model 27/108:

SANDVIK CH860, CH865, CH870*, CH890* and CH895*.
Optional connection kits available.

* Including predecessor models



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