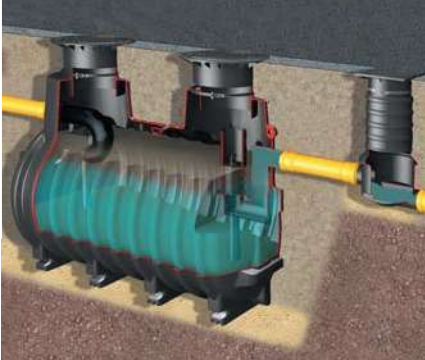


# Oil-/fuel separator for underground installation

## Oil-/fuel separator

NS 3 - NS 20

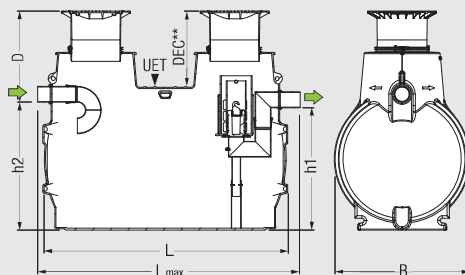
Illustration	Article description	NS	Total volume	Article #	
<p>Suitable for filling stations with high-performance filling pumps, E10 and biodiesel fuels</p> 	<p><b>Oil-/fuel separator NS 3 - NS 20, class II</b></p> <p><input type="checkbox"/> according to EN 858, made of polymer</p> <p><b>For underground installation, installation depth D = ..... mm</b></p> <p>With integrated sludge trap and self-actuated closure lock, calibrated for light liquid with densities between 0.85 to 0.95 g/cm<sup>3</sup>.</p> <p>Upper sections made of polymer, continuous height and level adjustment, tiltable up to 5°, with covers according to EN 124 in cast iron, incl. removal mechanism, private vehicle traffic proof, class B (depth of earth coverage DEC 700 to 1800 mm), traffic proof for heavy duty vehicles, class D (depth of earth coverage DEC 700 to 1500 mm and additional concrete slab provided on-site), certified statics, Inlet and outlet Ø ... for synthetic material pipes in: PE-HD (according to EN 12666-1); PVC pipe (according to EN 1401-1); PP or AS.</p> <p>Choose separator size and article number from table below. Contact KESSEL for separator sizing support if required.</p> <p><b>1</b> Cover class A/B</p> <p><b>2</b> Cover class D</p>	1	NS 3	1800	<b>99 403.10B EX</b>
		NS 6	4300	<b>99 606.30B EX</b>	
		NS 6	5800	<b>99 606.80B EX</b>	
		NS 10	2600	<b>99 610.15B EX</b>	
		NS 10	4300	<b>99 610.30B EX</b>	
		NS 10	5800	<b>99 610.80B EX</b>	
		NS 15	5800	<b>99 615.80B EX</b>	
		NS 20	5800	<b>99 620.80B EX</b>	
		2	NS 3	1800	<b>99 403.10D EX</b>
		NS 6	4300	<b>99 606.30D EX</b>	
		NS 6	5800	<b>99 606.80D EX</b>	
		NS 10	2600	<b>99 610.15D EX</b>	
		NS 10	4300	<b>99 610.30D EX</b>	
		NS 10	5800	<b>99 610.80D EX</b>	
		NS 15	5800	<b>99 615.80D EX</b>	
		NS 20	5800	<b>99 620.80D EX</b>	

Certification no. Z-54.2-453

### Accessories:

Sampling chamber for underground installation, extension section for deep installation, alarm units for when the maximum oil level is reached and there is a back-up of water (required according to EN 858 Part 1), oil and sludge suction system, coalescence filter insert for retrofitting to the coalescence separator, pump station, *SonicControl*, *TeleControl*.

Installation is possible with groundwater up to the upper edge of the tank (UET).



A load distribution plate must be planned for class D.

Ø 160: D-DEC = 155 mm  
Ø 200: D-DEC = 180 mm

\*\*DEC = Depth of earth coverage  
Class D = 700 mm ≤ DEC ≤ 1500 mm  
Class A/B = 700 mm ≤ DEC ≤ 1800 mm

NS	Ø*	capacity	D				Oil storage capacity	Excess level	Weight	Lmax mm		
			L	B	min	max						
NS 3	150	1000 l	2390	1200	840	1240	1100	1070	217 l	80 mm	379 kg	2642
NS 6	200	2500 l	2590	1760	850	1230	1630	1600	271 l	100 mm	519 kg	2940
NS 6	200	5000 l	3110	1760	870	1250	1630	1600	356 l	130 mm	594 kg	3460
NS 10	150	1500 l	2910	1200	840	1240	1110	1070	267 l	100 mm	424 kg	3162
NS 10	200	2500 l	2590	1760	850	1230	1630	1600	271 l	100 mm	519 kg	2940
NS 10	200	5000 l	3110	1760	870	1250	1630	1600	356 l	130 mm	594 kg	3460
NS 15	200	5000 l	3110	1760	870	1250	1630	1600	356 l	130 mm	594 kg	3460
NS 20	200	4000 l	3110	1760	870	1250	1630	1600	356 l	130 mm	600 kg	3460

1) Comparable sludge trap total volume in accordance with the dimensioning according to EN 858-2.

2) eccentric reduction inlet/outlet to Ø 160 possible on-site, as a consequence the sampling chamber 915880 A/B/D can be used see page 304.

### Technical note:

Weather-related influences or cooling of the tanks during the installation phase (caused by filling with cold water) can lead to deviations in dimensions from the catalogue specifications in the case of cisterns and separators installed in the ground.

\* Ø = Inlet and outlet outer diameter (mm)