

Coalescence separator *EasyOil* ground NS 3 – 15, class I

for underground installation with DIBt-certification



EN 858 DIN 1999-100 DIN 1999-101 Z-83.8-54

Made of polyethylene

Installation

- Installation is possible with groundwater up to the upper edge of the tank (UET)
- A load distribution plate must be planned for class D
- Class D = 700 mm ≤ DEC ≤ 1500 mm
Class A / B = 700 mm ≤ DEC ≤ 1800 mm

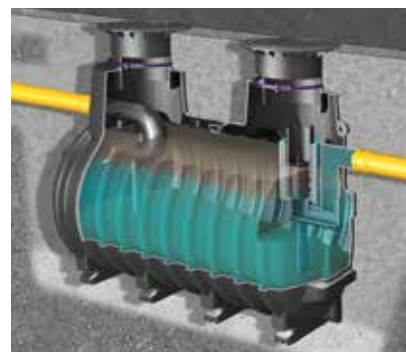
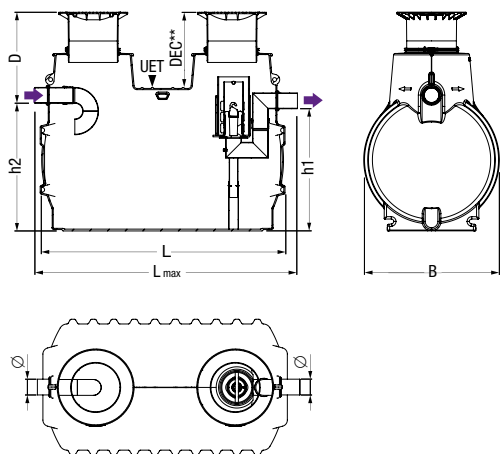
Consisting of:

Removable coalescence filter. Upper sections made of polymer, continuous height and level adjustment, tiltable to 5°, with covers class A / B, D according to EN 124 in cast iron (can be driven over by cars and trucks), incl. lift-out key. 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.

Note:

- Suitable for filling stations with high-performance filling pumps, E10 and biodiesel fuels
- Choose separator size and article number from table below.
Contact KESSEL for separator sizing support if required

➤ **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, *SonicControl* page 374 – 376, pumping stations see chapter "3"



NS	Installation depth D (min/max) in mm	Art. no.
Cover class A/B		
NS 3	840 - 1240	99 503.10B EX
NS 6	850 - 1230	99 706.30B EX
NS 6	870 - 1250	99 706.80B EX
NS 10	840 - 1240	99 710.15B EX
NS 10	850 - 1230	99 710.30B EX
NS 10	870 - 1250	99 710.80B EX
NS 15	870 - 1250	99 715.80B EX
Cover class D		
NS 3	840 - 1240	99 503.10D EX
NS 6	850 - 1230	99 706.30D EX
NS 6	870 - 1250	99 706.80D EX
NS 10	840 - 1240	99 710.15D EX
NS 10	850 - 1230	99 710.30D EX
NS 10	870 - 1250	99 710.80D EX
NS 15	870 - 1250	99 715.80D EX

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.

NS	Ø* (mm)	Sludge trap capacity (l)	L (mm)	B (mm)	h1 (mm)	h2 (mm)	Oil storage capacity (l)	Excess level	Weight (kg)	Total volume (l)	D-DEC	Lmax
3	160	1000	2390	1200	1070	1100	215	90	395	1800	155	2642
6	200	2500 ¹⁾	2590	1760	1600	1630	380	120	535	4300	180	2940
6	200	5000	3110	1760	1600	1630	470	130	610	5800	180	3460
10	160	1500	2910	1200	1070	1100	267	100	440	2600	155	3162
10	200	2500 ¹⁾	2590	1760	1600	1630	380	120	535	4300	180	2940
10	200	5000	3110	1760	1600	1630	470	130	610	5800	180	3460
15	200	5000	3110	1760	1600	1630	470	130	610	5800	180	3460

*Ø = Inlet and outlet outer diameter (mm)

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