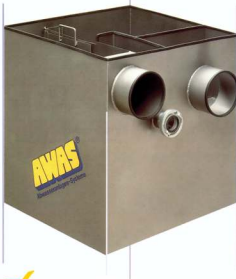


**AWAS-HI-1999
Universal Separator**



tested



type approved



service free coalescence

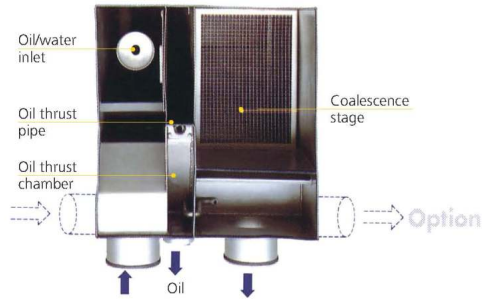
AWAS-HI-1999 Universal Separator

nominal flow: 1,5/2/3/6/8/12 and 16l/sec
LGA Bayern tested ac. to EN 858 class I with less than 5mg/l final oil content

AWAS-HI-1999 universal separator made of stainless steel EN 1.4301/AISI 304 for free standing installation, in a building or buried tanks

Requirements/applications

- Industrial effluents with oil and grease: work shops, aluminium and magnesium die casting vehicle wash, metal industry, airports, harbour, refinery
- Patented, automatic oil collecting system
- Patented coalescence effect without filters or corrugated plates
- Suits perfect for later installation
- Light, compact, easy to install



The AWAS product solution features:

1. Hydrodynamic coalescence effect with less than 5 mg/l final oil content
2. Patented, automatic oil collecting system without electrically or mechanically actuated devices, Oil collecting system by different surface levels in the separator
3. Oil thrust system will press collected oil into a buffer tank
4. Variable connections
5. Option: upgrade flow, reduce final oil content
6. Emergency oil overflow

The specific AWAS advantages against conventional separators:

- ▶ No service for filters or corrugated plates needed, no disposal cost for saturated or damaged Coalescence materials like filters or plates
Lowers service and maintenance cost
No spare parts needed
No clogging, no bacteria growth
- ▶ Drastically reduced risk of creating emulsions and oil sludge, Oil / water separation just by weight difference between water and oil
Suits perfectly for effluents with detergents
Improves outlet water quality
No mixture of water and oil
Low oil disposal cost, oil is basically free of water
No man power needed
No electric power needed
No spare parts needed
- ▶ Oil tank can be welded to separator or placed separately aside of separator
Size can be designed ac. to expected oil quantity
- ▶ Inlet either in left side wall or in front wall
Outlet either in right side wall or in front wall
separator can be placed on stainless steel frame for higher installation
Simple and flexible installation
- ▶ If needed flow or outlet quality can be improved by a filter cassette which can easily be removed
Suits for higher quality requirements
- ▶ In a case of an oil spill excessive oil quantity will flow directly into the oil collecting tank and by-pass the oil thrust chamber



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