

Learning from accidents. Since 1969 We investigate

- Accident Research Team on standby
- Unique knowledge gathered
- Active international cooperation





Causes of accidents

Any one or a combination of these categories:

Road environment Driver-related Vehicle-related

30%

Vehicle-related

10%



Main factors affecting safety

- Rest before driving to stay alert
- No alcohol in combination with driving
- Follow the speed limits
- Use the seat belt





1/3 of fatal accidents are alcohol-related

- Over 40,000 people are killed in the EU annually.
 That's like a major air crash every day!
- Every third or fourth fatal accident can be linked to alcohol consumption.
- At least 10,000 people are killed in alcohol-related road accidents.
- Trucks are not over-represented, but accidents involving trucks are often severe





Volvo Alcolock

A tool against road fatalities





Volvo has accepted the challenge

2002:

Alcohol interlock available as an accessory

2005:

Factory-fitted interlock

2006:

Alcohol testers on ferries

2007:

Third generation introduced

2008:

Commercial introduction in several countries

2010:

Continued ETSC safe & sober campaign





Volvo Alcolock

- A breath alcohol tester (BrAC)
- Integrated into the vehicle's systems
- Prevents an intoxicated person from driving
- The vehicle can only be started after an approved alcotest result
- Electro-chemical, fuel cell
 - Alcohol-specific and very accurate
 - Factory default setting 0,2 per mille
- The factory fitted alcolock is ADR-adapted





Future trends

- Increased interest, awareness and demand
- Testing for other drugs
- Harmonised technical standards and legislation





Results come from joint efforts

- Drowsiness put focus on the issue
- Alcohol change of attitude
- Speed intensify monitoring
- Seat belt 100% usage







