



Volvo Trucks. Driving Progress

**Lower your fuel
costs by
managing
cruising and
average speed**

How to save fuel costs by changing your cruising speed.

Speed is one of the main factors influencing fuel economy. The best way to save fuel is by setting an average cruising speed depending on how many deliveries you make in one shift. Here we explain why speed isn't always needed to get the job done and how reducing speed it can give you significant savings on fuel.

By changing your cruising speed, you can lower your fuel costs and increase the profitability of your business.

Category 1:
Regional long haul

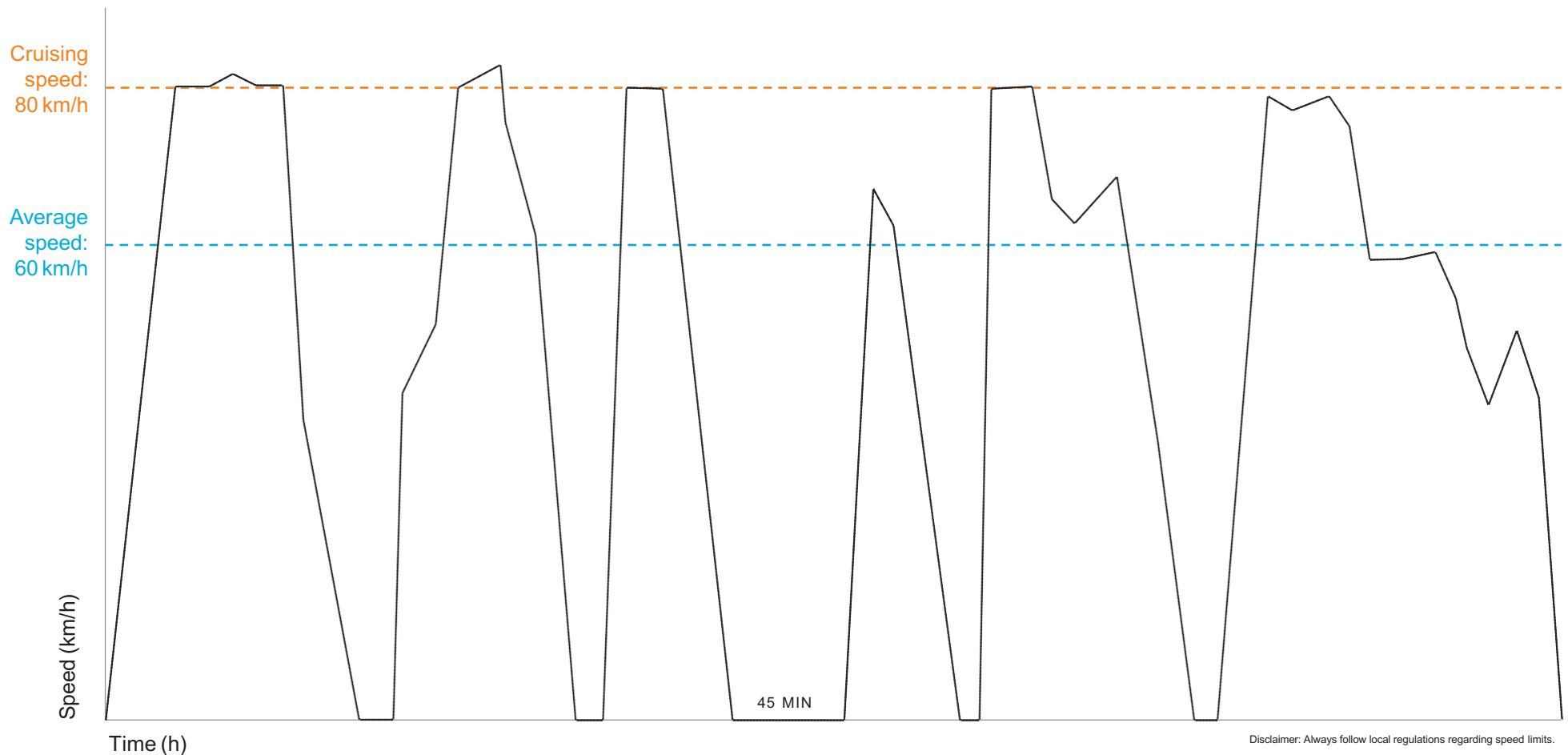
Category 2:
National long haul

Category 3:
• Hub-to-hub
• Overnight
• International express

Category 1: Regional long haul

It is quite typical that if a long haul truck loads or unloads 4-10 different times during one day, the operating average speed will be roughly 60 km/h. This means that if the driver has a 10-hour driving day, the truck will travel a maximum of 600 km on that specific day. Average speed is mainly built up in slow speeds,

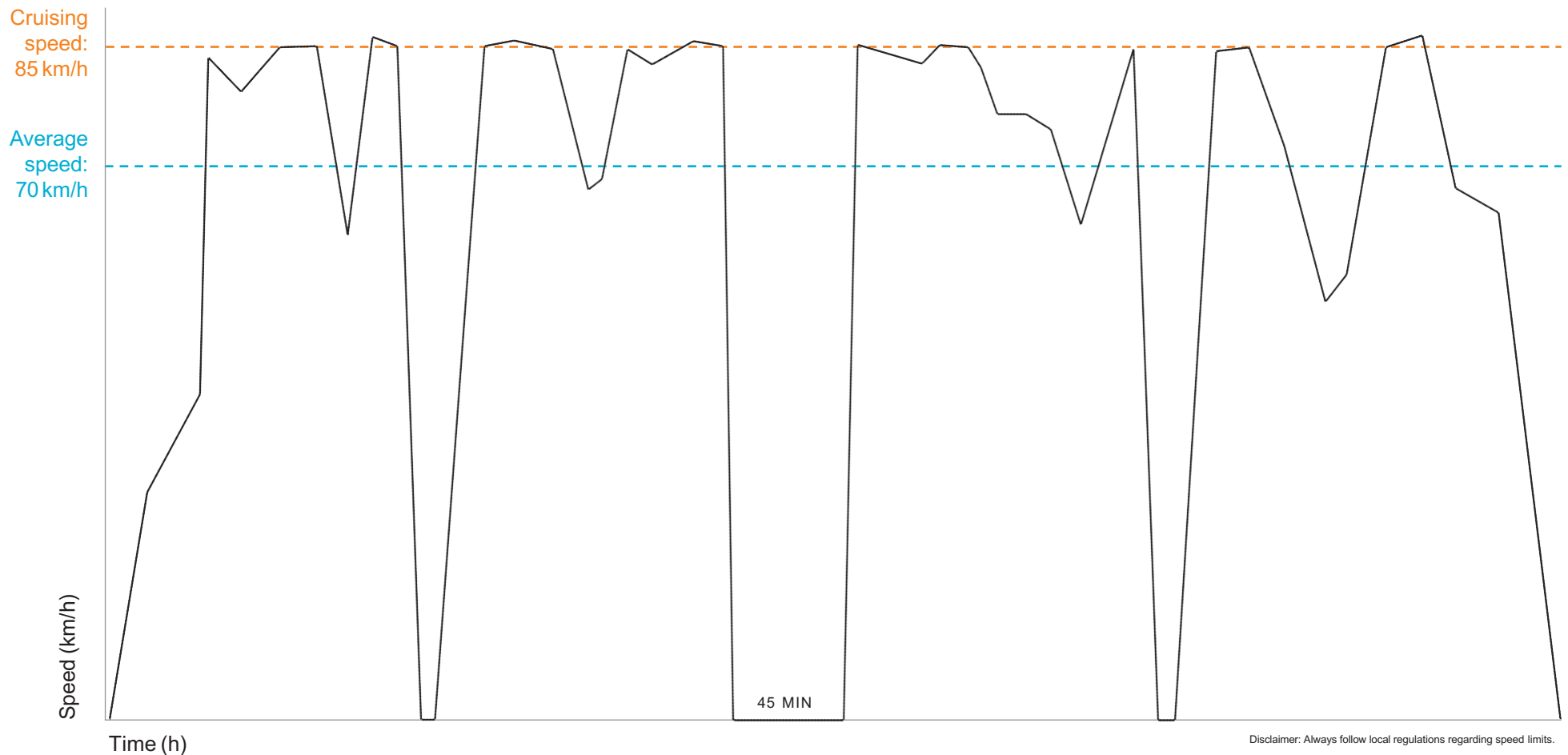
so cruising 90 km/h will not provide any benefits. You will just lose fuel. Lost fuel will be hard to compensate with higher mileage or work efficiency. So, in short: If you drive less than 600 km per day, you are unlikely to see any benefits to cruising 90 km/h. 80-85 km/h will probably get you there in time.



Category 2: National long haul

A long haul truck making 2-3 deliveries per day and driving mostly on motorway will typically have an operating average speed of about 70 km/h. This means that if the driver has a 10-hour driving day, the truck will travel 700 km on that specific day. High cruising speed generates more mileage per day but

a significant amount of the average speed is still being built up during slow speed driving. If you need to drive more than 600 km, you will probably need to go a little bit faster than 80 km/h, but there is no need to go as fast as 90 km/h. 85 km/h, with less fuel needed, should be enough.



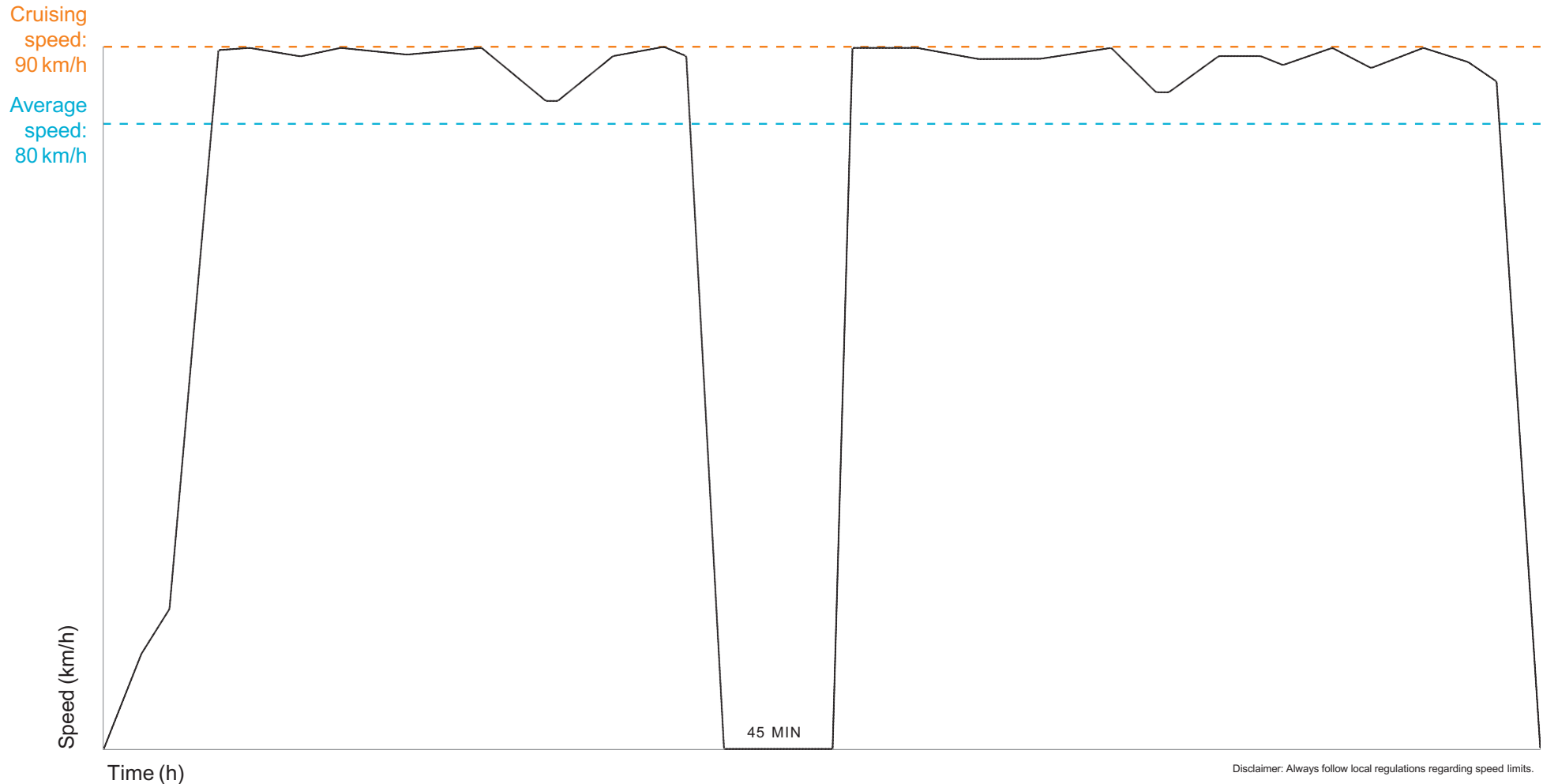
Disclaimer: Always follow local regulations regarding speed limits.

Category 3:

- Hub-to-hub
- Overnight
- International express

A long haul truck making 0 – 1 unloading or loading per day, spending most of the time on the motorway, maybe driving in light traffic during night time, can have an operating speed close to 80 km/h. These trucks are typically taking a full load from warehouse to warehouse or crossing the country in an international transport. They can drive almost 800 km in one

day (10-hour shift). If it is necessary to cover over 700 km in one day, you need to go fast. However, this will cost in terms of fuel. So pick a cruising speed that is as low as possible in order to save fuel but still make it in time. If you need to cruise at 90 km/h, make sure that you are able to invoice the higher fuel consumption.



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