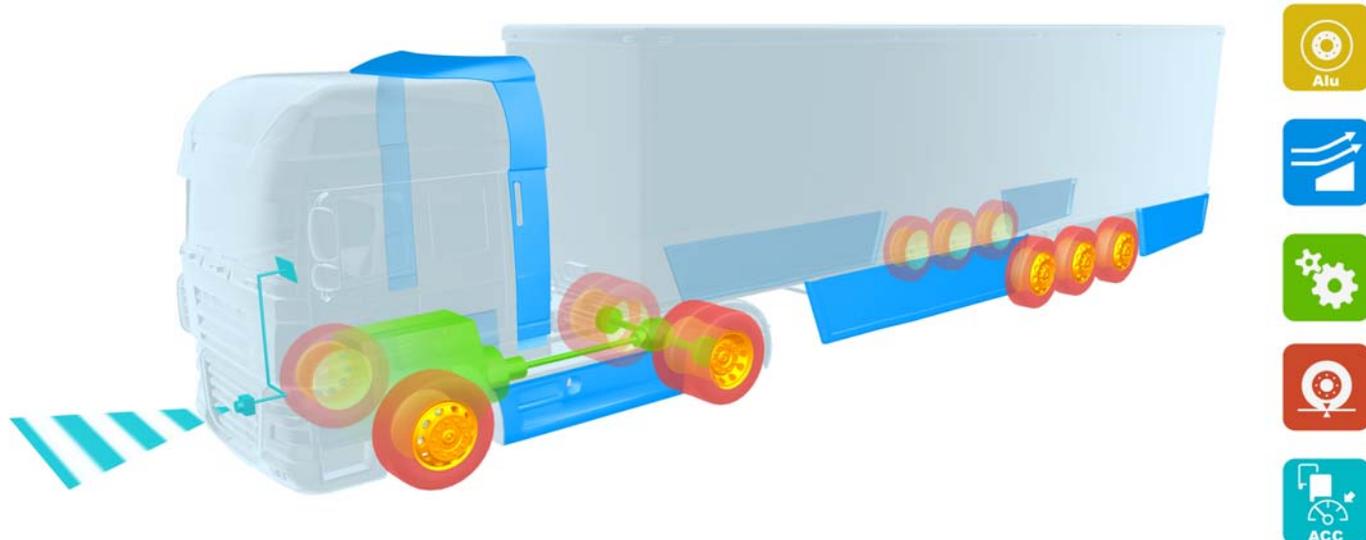


# Get more out of your fuel with DAF



Over the years DAF vehicles have developed a reputation for being highly fuel efficient, and are consistently ranked at the top in fuel economy road tests performed by leading truck magazines.

### The whole makes the difference

An efficient driveline alone does not guarantee the best return on fuel in everyday use. It's the total of different factors, like the overall configuration of the bodied vehicle, servicing and maintenance as well as the driving style, which result in the fuel efficiency of the vehicle combination.

### The right driveline

An efficient driveline will deliver the appropriate engine power required to the road with minimum losses.

DAF engines feature a high torque at lower engine speeds. To take full advantage of the favourable engine characteristics, DAF has developed rear axle ratios and driveline recommendations that will provide the optimum solution for most applications.

### The right options

Besides the obvious aerodynamic enhancements, various other options are available that will help you lower the fuel consumption.

Here are just some examples:

Continuous speed adjustments cost fuel. **Adaptive cruise control** is an effective aid to keep pace with the other traffic with minimum fuel penalty.

Idling engines use about 1.5 litres of diesel per hour. **Engine idling shutdown** pays off in preventing unnecessary fuel consumption of stationary vehicles.

In general less kerb weight means more payload or less fuel. Using **aluminium wheels** also improves the vehicle's looks and lowers maintenance costs.

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## Aerodynamics

Depending on the type and dimensions of the semi-trailer, a roof spoiler and side collars on the prime mover can save up to 10% of fuel. Even when only side collars are fitted, the fuel consumption may improve by some one and a half percent.



## Roof spoiler adjustment

The best possible results from aerodynamic enhancements will only be obtained if the roof spoiler is properly adjusted.

An incorrect roof spoiler setting may reduce the benefit by up to one percent. A large gap between the cab rear and the body or trailer also costs fuel.

## Cab mounted accessories

In certain applications it's almost inevitable that accessories like hazard beacon lights are installed on the cab roof. The effect of such accessories on the air resistance can be quite considerable.

Four spotlights and two air horns placed in the main airflow over the cab roof may increase the fuel consumption with as much as 1%.

## Vehicle maintenance

It is well-known that a low tyre pressure increases the fuel consumption. In fact, if the tyre pressure is 20% below the rated pressure, the rolling resistance will be about 10% higher and the fuel consumption five percent.

But there are other maintenance related factors that also may have an adverse effect on the fuel efficiency of the vehicle. Your DAF dealer knows what is important to keep your vehicle in prime condition for the lowest fuel consumption.

## Driving style

The driving style is a very important factor for the fuel economy of a vehicle. A driver who manages to maintain a steady vehicle speed and who avoids unnecessarily high engine speeds and sharp acceleration or braking, will use three to seven percent less fuel.

