

We pioneer motion

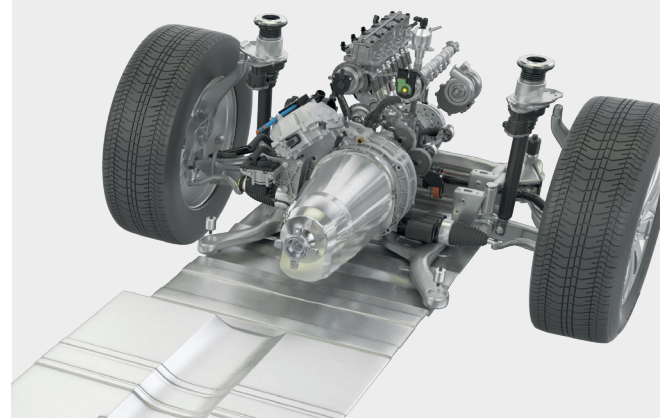
GREENER, FASTER, FURTHER

The whole spectrum of electrification.

To meet **future consumption and emission targets**, we already offer today a **wide range of products** ready for series production – from 48-volt hybrids and plug-in hybrids to technologies for all-electric vehicles.

POWERTRAINS REINVENTED

Hybrid electric powertrains become **more efficient** and **powerful** thanks to fully variable valve train systems and a perfectly matched hybrid transmission.



Dedicated Hybrid Powertrain

For higher recuperation, fuel efficiency and reduced emissions

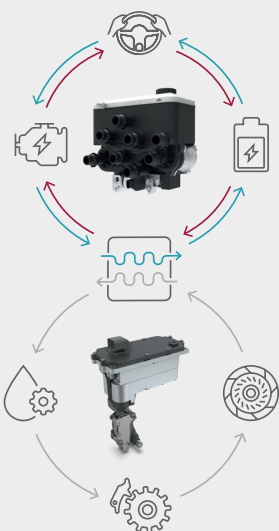
↑ 20 %

18 % increase in efficiency due to hybridization and **additional 2 %** increase due to efficiency optimization of the combustion engine

Euro 7

Prevents oxygen flow to the catalyst in coast mode

HIGHER EFFICIENCY AND PERFORMANCE



Integrated Coolant System

Efficient regulation of all vehicle cooling circuits

Rotary slide valves with step-by-step control for adequate volume flow control

Extends range of battery-electric vehicles (BEV)

Smart Hydraulic Actuator

Highly integrated and efficient powertrain component

Thermal management: handling of complex cooling functions

Further functions e.g. in decoupling, oil circuit or parking lock

ONE-STOP E-AXLE SYSTEM

A highlight in Schaeffler's portfolio of electrified powertrains: the **3in1 electric axle system** complete with electric engine, transmission and power electronics. A further increase in efficiency is achieved through modular extension with an **Integrated Coolant System** as well as add-ons such as **Decoupling Units** and **Smart Hydraulics**. Optional two-speed solutions further increase **max launch torque** at axle and **max vehicle speed**.

