



BOSCH
Invented for life

Electrical oil pump

Smart solution for actuation, lubrication and cooling in electrified vehicles



High efficiency and benchmark setting noise vibration harshness level



compact design

with a motor with high power density

virtual sensors

replacing physical sensors for oil temperature or oil pressure

- ▶ Bosch has developed electric oil pumps to meet major market requirements in the segment of electrified vehicles. Bosch pumps optimize the functions of lubrication, cooling and actuation in eAxle and automated transmissions.
- ▶ Market demands are covered by three modular power classes and by an application dedicated hydraulic part. Integration of hydraulic parts, motor and control electronics is anyway guaranteed by the design concept.
- ▶ With fully integrated design pump, motor and electronic control unit the result is energy-saving and compact packaging.