

## What drives you, drives us.

Technology from Bosch is used in practically every vehicle in the world. For us, the focus is on people and helping them to stay mobile.

We have been dedicated to people for more than 126 years with our pioneering spirit, research, production and expertise.

Our dedication is an unwavering commitment to providing them with a unique combination of parts, diagnostics, workshop equipment and services:

- ▶ state-of-the-art solutions for efficient vehicle repairs
- ▶ the world's largest range of new and remanufactured spare parts fast, reliable delivery service
- ▶ expert customer care via our hotline
- ▶ extensive range of training courses
- ▶ specific sales and marketing support
- ▶ plus many other services

For additional information, please visit:

[www.boschaftermarket.com.au](http://www.boschaftermarket.com.au)

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**BOSCH**  
Invented for life



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## Delivering safety everyday Bosch brake fluid



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BRAKEFLUID4PPA4BROCH2020 AA/SAO-CMS3



# Bosch brake fluid: the safety factor

Vehicles are becoming ever more powerful and traffic density is increasing too. Therefore, reliable brakes are needed. Special attention is to be paid to regular checks and replacement of brake fluids – the transmitter of the forces acting within the braking system. Bosch thus offers high-quality brake fluids.

### Brake fluid: reliable pressure within the braking system

Brake fluids need to provide high performance, even under tough conditions. High temperatures within the braking system heat up the brake fluid, a hygroscopic medium constantly taking up water. The more water it contains, the lower the boiling point. It heats up faster when braking and forms bubbles of vapor; the braking performance becomes unreliable.

### Bosch range of brake fluids

However, power transmission is not the only task of brake fluids. They also lubricate the hydraulic components of braking systems. Their special composition protects against corrosion. At the same time, they contain additives preventing any possible damage to seals, gaskets and hoses. Bosch brake fluids contribute to the long service life and optimum functionality of all braking components.

### Benefiting from experience gained in system development

For more than 126 years, Bosch has been developing motorvehicle systems. The development of braking systems has been equally comprehensive. Accordingly, all brake fluids have been tested to comply with the systems. At the same time, they meet the high demands placed on safety and quality.



DOT 3	
Part Number	Size
BF3-500ML	500ML
BF3-1L	1L
BF3-5L	5L
BF3-20L	20L



DOT 4	
Part Number	Size
BF4-500ML	500ML
BF4-1L	1L
BF4-5L	5L
BF4-20L	20L



DOT 4 HP	
Part Number	Size
BF4HP-500ML	500ML



ENV6	
Part Number	Size
ENV6-500ML	500ML
ENV6-1L	1L



Accessories
20L Tap

# Suiting perfectly: Bosch brake fluids

DOT 3	DOT 4
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### Bosch DOT 3 brake fluid

- Suitable for all hydraulic braking systems
- Mostly used for older vehicles
- Fulfills the Standards: FMVSS §571.116 DOT 3, SAE J1703, ISO 4925 Class 3
- Do not mix with other Standard Brake Fluids like DOT4

Dry boiling point (°C)	≥205
Wet boiling point (°C)	≥140
Viscosity at -40 °C (mm²/sec)	≤1500
Fluid colour	Amber



### Bosch DOT 4 brake fluid

- Suitable for all hydraulic braking systems
- Fulfills the Standards: FMVSS §571.116 DOT 4, SAE J1704, ISO 4925 Class 4
- Mixable with all brake fluids of the same or higher standard unless vehicle manufacturer specified otherwise

Dry boiling point (°C)	≥230
Wet boiling point (°C)	≥155
Viscosity at -40 °C (mm²/sec)	≤1800
Fluid colour	Amber

DOT 4 HP	ENV6
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### Bosch DOT 4 HP brake fluid

- High-performance brake fluid for all hydraulic braking systems
- Low viscosity, thus particularly suitable for vehicles equipped with electronic braking systems like ABS and ESP®
- Fulfills the Standards: FMVSS §571.116 DOT 4, SAE J1704, ISO 4925 Class 6
- Mixable with all brake fluids of the same or higher standard unless vehicle manufacturer specified otherwise

Dry boiling point (°C)	≥260
Wet boiling point (°C)	≥170
Viscosity at -40 °C (mm²/sec)	≤700
Fluid colour	Amber



### Bosch ENV6 brake fluid

- Premium brake fluid suitable for all vehicles using DOT 3, DOT 4, DOT 5.1 with or without ABS/ESP®
- New OE standard for some vehicle manufacturers
- Low viscosity, for reactivity at low temperatures
- Fulfills the Standards: FMVSS §571.116 DOT 4, SAE J1704, ISO 4925 Class 7
- Longer maintenance intervals can be achieved

Dry boiling point (°C)	≥270
Wet boiling point (°C)	≥180
Viscosity at -40 °C (mm²/sec)	≤700
Fluid colour	Amber

# That's for sure: high quality

\* The DOT (Department of Transportation, USA) defines minimum safety values by stringent specifications.

### Optimum viscosity ensures safe pressure ratios

Different characteristics of brake fluids in terms of viscosity ensure and contribute to the optimum functionality of different systems. For the absolutely reliable system performance – within fractions of a second – of modern electric control systems such as ABS or ESP®, a particularly low viscosity is required. Bosch DOT 4 HP thus features a faster control circuit with an increased number of cycles concomitantly providing additional safety and comfort. Even in case of high temperatures, Bosch brake fluids feature optimum flow characteristics. This ensures quick pressure build-up and discharge and optimum pressure transmission to the braking system.

### Five characteristics of reliable brake fluids:

- Consistent transmission behavior
- Top protection against the formation of vapor bubbles
- Optimum viscosity
- Additives for protection against corrosion and for lubrication
- Complying with all applicable safety standards\*