



## Original ATE Brake fluids – Always the right fluid!



### Advantages and qualities

- With ATE you always have the right fluid
- Minimal compressibility both at low and highest temperatures
- Assurance and surpassing of dry and wet boiling point levels in keeping with requirements
- Prevent vapor lock under high thermal loading
- Improved lubricity
- Enhanced anti-corrosion protection
- Low viscosity

Generally, ATE brake fluids meet – and beat – the statutory regulations and standards: FMVSS § 571.116. DOT 4/DOT 3, SAE J1703 as well as ISO 4925 classes 3, 4 and 6.

### Brake fluids deliver top performance

Brake fluids transmit hydraulic pressure to the brake system when the brake pedal is pressed. High temperatures are generated during braking, and in extreme cases the fluid begins to boil. But once brake fluid boils, it is too late. Vapor bubbles are formed that can be compressed. Brake pulses then do not have their intended effect; the brake pedal can be pushed all the way to the floor, and the vehicle does not come to a stop quickly enough.

So check the brake fluid at regular intervals: if the actual boiling point measured in the tank is less than 180°C, you should replace the fluid. Incidentally, independent studies have shown that seven out of ten vehicles need new brake fluid.

### Up-to-date product range: always the right fluid for your car

With ATE you get a large selection: from DOT 3 to DOT 4 high-performance ESP and racing brake fluids. When replacing brake fluid, always use the correct fluid, not the cheapest. For older vehicles built before 1990 a fluid with a one-year change interval suffices. For modern post-1990 vehicles, however, only the best will do! Here we recommend ATE SL.6 – you are well prepared for the future with this fluid.

## The ATE brake fluids – an overview



Brake Fluid	ATE G	ATE SL	ATE SL.6	ATE TYP 200	ATE Super Blue Racing
	DOT 3	DOT 4	DOT 4 ISO Class 6	DOT 4	DOT 4
	Our tradition-steeped fluid!	DOT 4 quality proven millions of times	Low-viscosity fluid, replaces Super DOT 4, for electronic brake systems	Minimal drop in boiling point due to outstanding water binding properties	Fluid for racing enthusiasts
Boiling point min.	245°C	260°C	265°C	280°C	280°C
Wet boiling point min.	150°C	165°C	175°C	198°C	198°C
Viscosity at - 40°C	max.1500 mm <sup>2</sup> /s	max. 1400 mm <sup>2</sup> /s	max. 700 mm <sup>2</sup> /s	max.1400 mm <sup>2</sup> /s	max.1400 mm <sup>2</sup> /s
Change interval	up to 1 year	up to 1 year	up to 2 years	up to 3 years	up to 3 years



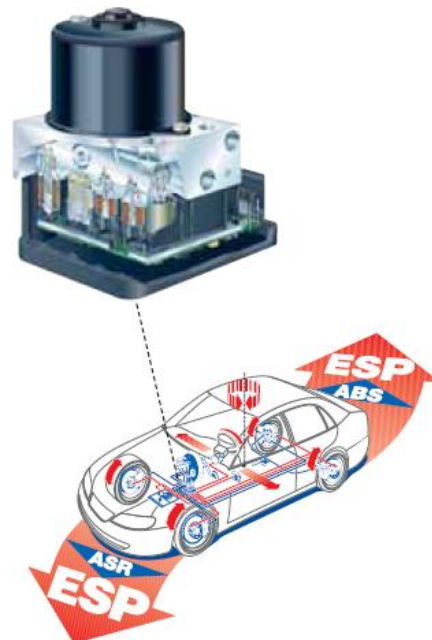
### Original ATE SL.6

Since the introduction of electronic brake systems like ABS and ESP, brake fluid has far greater importance than it used to have. The hydraulic components of these systems have a large number of fine bores and ducts, some of which are finer than a human hair.

Selection of the wrong brake fluid therefore can have disastrous effects on the operation of advanced brake systems. (Brochure page 2:) Since ESP was introduced, brake fluids have to decelerate individual wheels within small fractions of a second in order to stabilize the vehicle in critical situations (e.g., skidding).

State-of-the-art systems require state-of-the-art brake fluids. The described reasons led to the development of especially thin-bodied brake fluids like Original ATE SL.6.

**The new ATE brake fluid meets and exceeds the demands: FMVSS § 571.116, DOT 4/DOT 3, SAE J1703 as well as ISO 4925 Class 6.**



## Advantages of original ATE SL.6 brake fluid

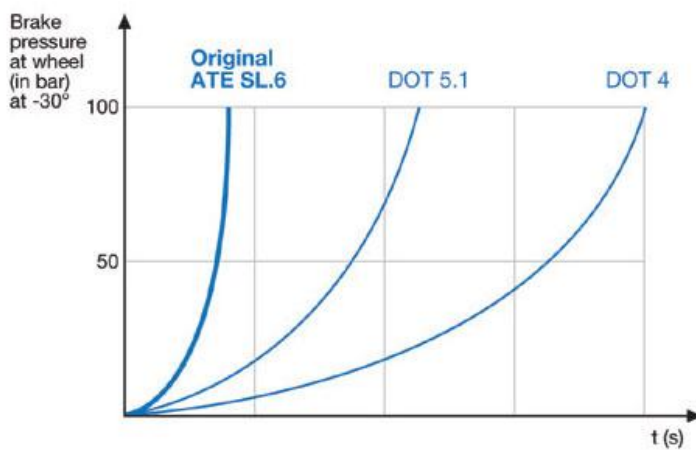
- Low viscosity (thin-bodied)
- Enables speediest response of ESP
- Optimum brake fluid for electronic brake systems like ESP, ABS, TCS, etc.
- Improved handling safety owing to speediest response of ESP
- Most vehicle manufacturers already use the low-viscosity DOT 4, Class 6 (ISO 4925) brake fluids in production cars (OEM and OES)



ATE has the optimum brake fluid for electronic brake systems for you! With Original ATE SL.6 you are optimally prepared for future systems too.

Enjoy the advantage of shorter reaction times – stop using viscous and consequently wrong brake fluids for ESP and other electronic brake systems.

**So fill state-of-the-art brake systems only with original ATE SL.6 brake fluid.**



**Comparison of ESP reaction time of ATE SL.6 with typical DOT 4 and DOT 5.1 brake fluids**

## Contact information at a glance

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## The ATE Technical Hotline

Our technical hotline is available every day except Saturday and Sunday, **from 9:00 a.m. to 12 noon and from 1:00 to 5:00 p.m.**, to answer any technical questions regarding ATE brake products. Call

**01805-221242 \***

Of course, you can also contact us via e-mail at [ate.hotline@contiautomotive.com](mailto:ate.hotline@contiautomotive.com)

**Please contact this hotline only if you have technical questions.**

In all other matters please contact the usual people.

\*(at local call rate, 12 cents / min.)