

### More Safety with Asimco Brake Fluid

Asimco – Safety and Reliability for You and Your Customers

- Consistent and steady brake pressure response throughout the entire service life
- Optimal viscosity – even during extremely cold and hot conditions
- Maximum protection against vapor formation
- Corrosion protection and lubrication with high-grade additives
- No corrosion of rubber parts if using identical DOT specification
- Asimco brake fluids with their wide thermal application range exceed the DOT standards

Asimco – Competence and Quality for Dealerships and Workshops

- Brake system know-how from the original equipment
- Approved for all makes
- Support through service, consulting, information and sales pitch
- Safe business with the complete application range for majority of all motor vehicles

### Storage and Handling:

#### Do's:

- Change the fluid regularly in accordance with the manufacturer's specifications
- Keep the area around the master cylinder clean when changing the fluid
- Clean the master cylinder cap and surrounding area before removing it to help minimize the risk of abrasive dirt or foreign material entering the reservoir
- Store the brake fluid in its original container, and keep it in a clean and dry area
- Close the lid immediately after use
- Quickly wash off any spillage with water to avoid paint damage on the vehicle
- Dispose of any opened containers after 12 months

#### Don'ts:

- Mix different grades of fluid
- Expose brake fluid to other fluid or oils
- Wipe off any spillage with a rag

## Your First Choice in Brake: Asimco Brake Fluid



for more information, please contact:



- Meet and exceed the DOT standards
- Optimal viscosity
- Maximum safety against vapor formation



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## Safety All the Way

A brake system has to be fully operational and its brake fluid plays a crucial role. It transfers the pedal force created by the driver onto the wheel brake. The heat generated while braking also affects the brake fluid, which can only transfer power to the wheels in its liquid state; that is, at a temperature below the boiling point. Temperatures above the boiling point form vapor bubbles in the system, resulting in brake failure.

In addition, the brake fluid serves as a lubricant of all movable parts and prevents corrosion. At the same time it has to be compatible with rubber seals and hoses. This allows braking systems to achieve long service and optimal performance.

**Dot 3:** Mostly for older vehicles

**Dot 4:** High boiling point for maximum safety

	DOT 3	DOT 4
250ml	KL3250	KL4250
500ml	KL3500	KL4500
1000ml	KL31000	KL41000

## The Asimco Safety Factor

The quality and safety factor of a brake fluid is defined by its boiling point, which should be as high as possible. Asimco brake fluids exceed these standards. Their wet and dry boiling points are higher. That way, your customers are always on the safe side. A brake fluid has hygroscopic properties, meaning it absorbs moisture during its service life. This causes a continuous decrease of the boiling point. Changing brake fluid on a regular basis prevents brake failure and maintains the boiling point at a safe level. Asimco recommends that brake fluid should be changed once a year or every 2 years at the most.

## Asimco Original, Quality To Rely On

Asimco brake fluids are safe and efficient:

- Original Equipment quality
- Approved for all car manufacturers
- Complete program for all vehicle applications
- Secure Plastic containers for longer service durability and storage
- Efficient and environmentally friendly



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## The right choice every time: Asimco Brake Fluid

Asimco brake fluids not only meet the requirements of the automotive industry; they also exceed the strict international quality standards\* for brake safety.

- All DOT brake fluids are suitable for every hydraulic brake system
- Vehicles filled with DOT 3 cannot be mixed with other DOT fluids

\* in accordance with the FMVSS 116, SAE J 1073 and ISO 4925 standards

Specification	Dry boiling point [°C]				Wet boiling point [°C]			
	DOT	Competitor 1	Competitor 2	ASIMCO	DOT	Competitor 1	Competitor 2	ASIMCO
DOT 3	min. 205	min. 225	min. 220	min 229	min.140	min.142	min. 150	min. 149
DOT 4	min. 230	min. 265	min. 260	min. 243	min.155	min. 158	min. 161	min. 159

## The Essential Criteria for Safety

There are five main characteristics that decide on how reliable brake fluid is in every day driving:

- Steady response
- Maximum safety against vapor formation
- Optimal viscosity
- High-grade additives for corrosion protection and lubrication
- Compliance with or exceeding of applicable safety standards

The minimum values for safety are defined through strict international DOT specifications. Asimco brake fluids perform significantly better on all points than required by the standards – an extra benefit in safety for your customers.

## Viscosity for Safe Pressure Ratios

Brake fluids with different viscosity properties affect the function of various systems. In modern electronic control systems like ABS etc... a particularly low viscosity fluid is recommended for a reliable system operation within a fraction of a second. For that purpose, Asimco offers the DOT 4 ESP brake fluid, which provides a quicker closed loop, resulting in more cycles and there-by in increased safety and more comfort. The viscosity of Asimco brake fluids is always optimal, even at high temperatures, ensuring rapid rise and drop in pressure. In addition, it provides reliable pressure response within a closed system in any situation.

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