

4132.00

Brake Fluid 404

Non silicone high performance synthetic brake fluid for disc and drum braking systems. Suitable for braking systems with electronic antilock and stability devices. Suitable also for vehicles with friction servo-control systems.

Fully complying with DOT 4 brake fluids performance limits.

PAKELO BRAKE FLUID 404 is a high performance synthetic brake fluid (DOT 4 level), specifically studied and formulated for disc and drum braking systems both of light and heavy duty vehicles.

The product, thanks to its special properties, can be recommended for vehicles equipped with electronic devices for the control of stability and braking.

PAKELO BRAKE FLUID 404 provides dry and wet boiling points respectively over 265°C and 175°C. These characteristics allow to reduce the danger of “vapor-lock” phenomenon (steam bubbles that form in the braking circuit causing the dangerous and unpleasant situation of a “soft foot” brake pedal).

PAKELO BRAKE FLUID 404 fully complies with the SAE J1703, SAE J1704 and FMVSS N° 116 performance limits specific of DOT 3 and DOT 4 brake fluids.

Even under the presence of humidity (absorbed through the flexible tubes and the brake fluid tank), the boiling point remains high and this characteristic further reduces the danger of “vapor-lock” even under long lasting working conditions.

The product provides excellent compatibility with gaskets used for the braking systems and avoids swelling.

Furthermore, it provides high anticorrosive properties for the braking system metals.

PAKELO BRAKE FLUID 404 is furthermore characterized by a reduced compressibility at very high temperatures too.

Such peculiarity guarantees both superior brake reactivity and optimal modulability of the braking phase.

Notes:

PAKELO BRAKE FLUID 404, like the majority of brake fluids, is hygroscopic. It is recommended to store the product in closed containers and to avoid any contamination of water or other substances that can compromise the exceptional properties of this product.

PAKELO BRAKE FLUID 404 is chemically compatible with similar products (such as DOT 3, DOT 4 and DOT 5.1), non silicone based.

We strongly recommend to follow drain intervals suggested by OEMs and not to blend it with other products or with other brake fluids already in the system.

In case of mixture the high performance of the product can not be guaranteed.

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Application fields

PAKELO BRAKE FLUID 404 is a brake fluid for braking systems both of light and heavy duty vehicles (motorbikes, cars, vans, buses, trucks, etc.) when requested a DOT 3 or DOT 4 braking fluid.

The product is strongly recommended also for last generation braking systems with electronic antilock and stability devices such as ABS, ASC, ESP/DSC, etc..

PAKELO BRAKE FLUID 404 can also be suitable for vehicles with friction servo-control systems.

Performance levels

FMVSS N°116 - DOT 3 / DOT 4, **SAE J 1703 / 1704**, **ISO 4925 Class 6**,
BMW Group (BMW/MINI/Rolls-Royce) QV 34 001, **BYD**, **Ford Motor Company** WSS-M6C65-A2,
Geely (Geely Brands, Volvo Car), **GM Europe (Opel, Saab, Vauxhall)** GMW 3356,
PSA (Peugeot/Citroen) STL S71 2114, **Qoros**, **Shanghai GM (Buick, Chevrolet, Cadillac)** GMW 3356,
VW 501 14, **VW Group (Audi/Bentley/Bugatti/Lamborghini/Seat/Skoda/VW)** TL-VW 766 Z.

Chemical-Physical Characteristics

Brake Fluid 404	Method analysis	Unit measure	Value
Appearance	-	-	clear liquid
Colour	-	-	yellow
Density at 15°C	ASTM D1298	kg/l	1,064
Kinematic Viscosity at 100°C	ASTM D445	cSt	2,0
Kinematic Viscosity at -40°C	-	cSt	650
E.R.P.B. (Equilibrium Reflux Boiling Point)	-	°C	270
Wet E.R.P.B. (Wet Equilibrium Reflux Boiling Point)	-	°C	180
pH	-	-	8,0

The data just above refer to average values and must not be understood as guaranteed characteristics.

This Technical Data Sheet has been carefully checked to guarantee complete and precise information. However, we do not take any responsibility in case of damages caused by any mistakes or omissions. Due to continual product research and development, the information contained herein is subject to change without notification.