

Introduction MAINTAIN DOT 514 LV Harmonization of FUCHS Premium Brake Fluids

Dear Sirs,

We would like to inform you about the introduction of a new brake fluid in our MAINTAIN RANGE.



General Information

Since 2020 there is a new brake fluid standard called ISO 4925 Class 7. This newest standard is a combination of the former ISO 4925 Class 6, which is fulfilled by our MAINTAIN DOT 4 LV and of the ISO 4925 Class 5-1, which we advertise on our MAINTAIN DOT 5.1. ISO 4925 Class 7 combines the low viscosity of ISO 4925 Class 6 (DOT 4 LV) and the high dry and wet boiling point of ISO Class 5-1 for best protection against steam bubble formation.

Specification		ISO 4925 Class 5-1	ISO 4925 Class 6	ISO 4925 Class 7
Boiling point	ERBP [°C]	≥ 260	≥ 250	≥ 260
Wet boiling point	WERBP [°C]	≥ 180	≥ 165	≥ 180
Viscosity @ -40°C	-40°C [mm ² /s]	≤ 900	≤ 750	≤ 750

Comparison of Specifications

To fully utilize the new standard to its best, we harmonize the two products MAINTAIN DOT 4 LV and MAINTAIN DOT 5.1 to the new product MAINTAIN DOT 514 LV.



MAINTAIN DOT 5.1 and MAINTAIN DOT 4 LV will not be continued after the remaining quantities have been sold.

Application and Advantages of MAINTAIN DOT 514 LV

The new brake fluid specified after ISO 4925 Class 7 covers all applications which have been formerly covered by two different products. It is specially developed for modern vehicles with driving stability systems such as ABS and ESP.

The product exceeds conventional brake fluids of FMVSS NR. 116 DOT 3 und DOT 4 and can therefore be use in the respective applications. If only a DOT 3 or DOT 4 is required in an application, MAINTAIN DOT 4 HT can of course still be used.

MAINTAIN DOT 514 LV protects brake and clutch hydraulics against deposits and corrosion with simultaneous high material compatibility. It provides excellent protection against steam bubble formation due to very high dry and wet boiling point. The response time of the brake system even at low temperatures is very fast due to the excellent flow behaviour of the low viscosity brake fluid.

Product Profile MAINTAIN DOT 514 LV

Product	Specifications	Approvals	FUCHS Recommendations
MAINTAIN DOT 514 LV	FMVSS NR. 116 DOT 3/4/5.1 ISO 4925 CLASS 3/4/5-1/6/7 JIS K2233 CLASS 3/4/5/6 SAE J 1703/1704	-	BMW QV 34001 FORD M6C65-A2 GM Europa GMW 3356 MB 331.0 PSA S71 2114 RENAULT 41-02-001/--H VW TL 766-Y, 766-Z

The product will be available in the following packaging sizes:

Product	1L	5L	20L	60L	205L
MAINTAIN DOT 514 LV	601888861	-	601888922	-	-

With MAINTAIN DOT 514 LV you are right for all applications in the field of brake fluids and always have a suitable product for this safety-relevant use!

Your FUCHS Team Produktmanagement Automotive