

MAK BRAKE FLUID XT SUPER DOT 4

Premium quality hydraulic brake fluid for new-generation vehicles

MAK Brake Fluid XT Super DOT 4 is a high performance fully synthetic heavy duty hydraulic brake fluid designed to withstand severe heat and moisture conditions. This is formulated based on polyglycol ether technology to provide the highest level of brake performance in modern automotive vehicles. MAK Brake Fluid XT Super DOT 4 is also fortified with anti-oxidant, metal de-activator and corrosion inhibitor to provide long service life to the brake fluid and also the brake components. This fluid has higher Equilibrium Reflux Boiling Points (ERBP) and reduces the impact of moisture absorption. It provides more reliable braking performance than DOT 3 type fluids and meets US Dept. of Transportation's stringent specification FMVSS 116 DOT 4.

Applications:

MAK Brake Fluid XT Super DOT 4 is a hydraulic brake fluid recommended for use in all types of new-generation automotive vehicles such as 2/3 wheelers, passenger cars, light/ heavy commercial vehicles, agricultural tractors, etc. for disc and drum brakes including modern vehicles fitted with ABS requiring DOT 4 quality fluids. This fluid is also suitable for use in hydraulic clutch systems. It is suggested that MAK Brake Fluid XT Super DOT 4 should be changed according to the vehicle manufacturer's recommendation.

Performance/ Benefits:

Resistance to Oxidation and Thermal Degradation – enhanced high temperature oxidation stability resists the effects of oxidising agents and thermal stress. Reduces deposit or residue formation and extends life of brake fluid.

Outstanding Lubrication – high performance additives offer excellent lubricity and ensure adequate lubrication and protection to all the brake system components.

Very High Reflux Boiling Point – high ERBP provides superior braking performance under conditions of severe braking pressure and high operating temperature.

Excellent Compatibility – offers excellent compatibility with rubber seals which helps in minimizing leakage.

Superior Anti-corrosion Property – prevents corrosion of metal parts in braking system and thereby offers superior rust protection and reduced maintenance cost.

Quick Response – exhibits superb viscosity control over wide temperature range which helps in ensuring smooth and quick response of the braking systems.

Performance Level/ Specification:

- IS 8654: 2001 (Reaffirmed 2016)
- SAE-J-1703

Typical Physico-Chemical Data: MAK Brake Fluid XT Super DOT 4

Characteristics	Method	Value
Appearance	Visual	Clear & Bright
Color	Visual	Undyed
Density at 29.5°C, g/ml	ASTM D4052	1.057
Kinematic Viscosity, cSt	-	
a) -40°C	ASTM D445	981
b) 100°C	ASTM D445	2.1
Equilibrium Reflux Boiling Point (ERBP), °C	ASTM D1120M	240
Wet ERBP, °C	ASTM D1120M	160
pH	ASTM D1287	9.1
FMVSS-116	-	DOT 4

Storage & Handling:

The product should be stored inside. Keep it properly sealed to avoid contamination. Avoid freezing. Shelf life is 2 yrs. under protected conditions.

Health & Safety:

It is unlikely to be hazardous when properly used in recommended applications. Contamination of the coolant from other oils, greases, chemicals, dirty water etc. can occur during the use. It should be avoided. Regular monitoring of the in-use product is recommended.