Product Code:

3002

DOT-4

Brake Fluid

Meets the requirements:

SAE J1703/J1704
ISO 4925 Class 3
ISO 4925 Class 4
FMVSS 116 DOT 3/DOT 4
JIS JAPAN K2233

Synthetic brake fluid based on polyglycols and esters, containing corrosion and oxidation inhibitors. Designed for hydraulic systems of all traditional brake devices and clutches.

Appearance and odor	Uniform transparent liquid from colorless to light-brown without sediment, slight opalescence is permissible
Boiling point at 101,3kPa, °C, min	230
Wet boiling point at 101,3kPa, °C, min	150
Kinematic viscosity at 100 ±5 °C, min, cSt	1,5
Viscosity at -30±1 °C, max, cSt	1800
Stability at high temperatures, °C, max	3
Effect on rubber:	
Rubber volume change:	
Type 7-2464 at (70±2), °C, %, max	10
Type 51-1524 at (125±2), °C, %, max	10
Rubber appearance change	Absence of tackiness and flaking
PH index	7.0-11.5
Interaction with metals at (100±2) °C within (120±2) hrs	
Metal strip weight change, mg/cm^2, max:	
Tinned iron	0,2
Steel	0,2
Aluminium alloy	0,1
Cast iron	0,2
Brass	0,4
Copper	0,4
Appearance of metal strips	Absence of any macroscopic pitted or roughened signs of corrosion, absence of crystal dropouts. Easily removed by a cloth patina and color change of brass and copper strips are permissible
Brake fluid state	Absence of any blobs or crystals on the strips and vessel walls. Darkening is permissible
pH index after test	7,0-11,5
Compatibility with water:	
At (40±1) °C within (24±2) hrs	Transparent liquid without layering and sediment, slight opalescence is permissible
Appearance	
bubble flow time, s, max;	10
At (60±2) °C within (24±2) hrs	Transparent liquid without layering and sediment, slight opalescence is permissible
Appearance	
Mechanical impurities	None



Volume:

250ml.	MN3002-0.25	1L	MN3002-1
450ml.	MN3002-0.45	5L	MN3002-5
		1000L	MN3002-IBC

www.mannol.de

SCT-Vertriebs GmbH
Feldstrasse 154, 22880 Wedel/Hamburg, Germany, info@sct-germany.de, tel.: +49 (0)4103 1211 0, fax: +49 (0)4103 1211 116

MANNOL®