Hi-Temp 570

Wilwood Hi-Temp is a high performance brake fluid that far exceeds the minimum FMVSS-116[1] requirements for a DOT 3 motor vehicle brake fluid. It is used as a high performance brake fluid for racing. It is also used by OEM's as a factory filled brake fluid.

TEST / PROPERTY	FMVSS-116 REQUIREMENT	WILWOOD HI-TEMP PERFORMANCE
Original Equilibrium Reflux		
Dry Boiling Point, min	401° F	568° F
Wet Equilibrium Reflux		
Boiling Point, min	284° F	300° F
Viscosity		
@-40° F, cSt, max	1,500	1,379
@212° F, cSt, min	1.5	2.0
pH	7 - 11.5	8.9
Brake Fluid Stability		
High Temperature Stability Boiling Point Change, max	5.4° F + 0.05° / 1° That Original ERBP Exceed 437° F	-2° F
Chemical Stability Boiling Point Change, max	5.4° F + 0.05° / 1° That Original ERBP Exceed 437° F	-3° F
Corrosion		
Weight Change in mg / sq cm		
Tinned Iron, max	0.2	0.00
Steel, max	0.2	-0.01
Aluminum. max	0.1	-0.02
Cast Iron, max	0.2	+0.02
Brass, max	0.4	-0.01
Copper, max	0.4	-0.01
Pitting or Roughening of Strips Discernible Without Magnification, max	None	None
Gelling of Fluid / Water, Mixture at 73.4 ± 9° F, max	None	None
Crystalline Deposit on Glass Jar Walls or on Metal Strips, max	None	None
Sedimentation, Percent by Volume, max	0.10	None
pH of Water, Fluid Mixture	7 - 11.5	8.8
Disintegration of Rubber Cup as Evidenced by Stickiness, Blisters or Sloughing, max	None	None
Decrease in Hardness of Rubber Cup, max	15 IRHD	4 IRHD
Increase in Base Diameter of Rubber Cup, max	1.4 mm or 0.055 in	0.014 in
Fluidity and Appearance at Low Temperature @-40° F		
Stratification or Sedimentation, Sludging or Crystallization, max	None	None

[1]Federal Motor Vehicle Safety Standard 116. [2]RM-66-03 Brake Fluid Used.