



**Product Specification**  
**Brake Fluid, DOT 3 High Boil- HBP**  
**DOT 3 High Boil Brake Fluid manufactured by Third Coast**  
**Chemical is designed to meet or exceed the following**  
**specifications.**

**Society of Automotive Engineers Specification J1703**  
**US Federal Motor Vehicle Safety Specification No. 116 DOT 3**

**Specifications**

<b>Equilibrium Reflux Boiling Point (Dry)</b>	470° F Min.
<b>Equilibrium Reflux Boiling Point (Wet)</b>	284° F Min.
<b>Water, Weight %</b>	Report
<b>Kinematic Viscosity @ -40° F</b>	1,500 cSt Max.
<b>Kinematic Viscosity @ 212° F</b>	1.5 cSt Min.
<b>pH</b>	7 - 11.5
<b>High Temperature Stability Boiling Point Change</b>	5.4 F Max.
<b>Chemical Stability Boiling Point Change</b>	5.4 F Max.

**Corrosion Weight Change in mg. /sq. cm.**

Tinned Iron	0.2 Max.
Steel	0.2 Max.
Aluminum	0.1 Max.
Cast Iron	0.2 Max.
Brass	0.4 Max.
Copper	0.4 Max.

No Pitting or Roughening of Test Coupons. No Jelling of Fluid/Water Mixture.

No Crystalline Deposit on Jar Walls or Test Coupons. No Disintegration of

Rubber Cups

Sedimentation, volume %	0.10% Max.
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pH of Water/Fluid Mixture	7 - 11.5
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Decrease in Hardness of Rubber Cups	15 IRHD
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### **DOT 3 High Boil Brake Fluid Specifications (Cont.)**

Increase in Diameter of Rubber Cups	0.055" Max.
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**Fluidity & Appearance @ -40° F**

No Stratification, Sedimentation  
Sludging or Crystallization

Air Bubble Travel Time

10 Sec. Max.

Appearance at Room Temperature

No Stratification, Sedimentation  
Sludging or Crystallization

**Fluidity & Appearance @ -58° F**

No Stratification, Sedimentation  
Sludging or Crystallization

Air Bubble Travel Time

35 Sec. Max.

Appearance at Room Temperature

No Stratification, Sedimentation  
Sludging or Crystallization

**Evaporation**

Percent Weight Loss at Day 3	60% Max.
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Percent Weight Loss at Day 7	80% Max.
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Pour Point of Residue	23° F Min.
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No Grittiness or Residue**Water Tolerance @ -40° F**

Air Bubble Travel Time

10 Sec. Max.

Appearance

Regain Clarity

No Stratification, Sedimentation  
Sludging or Crystallization

**Water Tolerance @ 140° F**

Sedimentation

0.15% Max.

**Compatibility @ 40° F**

No Stratification

No Stratification

**Compatibility @ 140° F**

No Stratification  
No Sedimentation  
No Pitting or Etching  
Of Metal Strips

**Resistance to Oxidation**

**Gum Deposits on Metal Strips**

Trace

**Weight Loss in mg. / sq. cm.**

Aluminum

0.05 Max.

Cast Iron

0.3 Max.

### **DOT 3 High Boil Brake Fluid Specifications (Cont.)**

**Effect on Rubber @ 158° F**

Hardness Decrease

10 IRHD Max.

Diameter Increase

0.006" – 0.055"

**Effect on Rubber @ 248° F**

Hardness Decrease

No Disintegration

Diameter Increase

10 IRHD Max.

0.006" – 0.055"

**Color**

Clear to Amber