



# DOT 3 BRAKE FLUID

Sinclair DOT 3 Brake Fluid provides an extra margin of safety to meet or exceed Federal Motor Vehicle Safety Standard (FMVSS) No. 116 and Society of Automotive Engineers (SAE) J1703 specifications.

## APPLICATION

Special formulation exceeds high standards of performance and safety for a DOT 3 fluid. For all Disc and Drum Brake systems, including ABS, in which a DOT 3 fluid is recommended.

## PERFORMANCE

Complies with Federal Motor Vehicle Safety Standard 116. Surpasses SAE Spec. J1703. Minimum Wet Boiling Point 284°F (140°C).



## TYPICAL PHYSICAL PROPERTIES

## TYPICAL RESULTS

Viscosity Grade	DOT 3 Brake Fluid
Equilibrium Reflex Boiling Point, °C (°F) min.	256 (494)
Wet Equilibrium Reflex Boiling Point, °C (°F) min.	145 (292)
Kinematic Viscosity, at 40°C, cSt max.	936
Kinematic Viscosity, at 100°C, cSt min.	2
High Temp. Stability, °C change, max.	1°C(2°F)
Chemical Stability, °C change, max.	1°C(2°F)
Corrosion weight change, mg/cm <sup>2</sup> , max. Tinned Iron	0
Corrosion weight change, mg/cm <sup>2</sup> , max. Steel	0.01
Corrosion weight change, mg/cm <sup>2</sup> , max. Aluminum	0.01
Corrosion weight change, mg/cm <sup>2</sup> , max. Cast Iron	0.01
Corrosion weight change, mg/cm <sup>2</sup> , max. Brass	0.02
Corrosion weight change, mg/cm <sup>2</sup> , max. Copper	0.02
Corrosion weight change, mg/cm <sup>2</sup> , max. Zinc	0
Inversion Time at -40°C	6
Inversion Time at -50°C	7
Evaporation at 100 °C: Loss in weight, % max.	32.8
Evaporation at 100 °C: Pour point of residue, °C max.	<-5
Water tolerance: Inversion time at -40°C, sec., max.	2
Water Tolerance: Sedimentation at 60°C, vol. %, max.	0
Compatibility: Sedimentation at 60°C, vol. % max.	<0
Resistance to oxidation - Wt. change, mg/cm <sup>2</sup> , amx. Aluminum	0
Resistance to oxidation - Wt. change, mg/cm <sup>2</sup> , amx. Cast Iron	0.02
Effects on rubber cups at 70°C: Base diameter increase, mm	0.15
Effects on rubber cups at 70°C: Hardness decrease, IRHD, max.	2
Effects on rubber cups at 120°C: Base diameter increase, mm	0.22
Effects on rubber cups at 120°C: Hardness decrease, IRHD, max.	3
Stroking Properties	Pass

Description	Pack Size	Part #	Each UPC	Case UPC	Case Dimensions	Case Cube / Pallet Cube	Case Weight / Pallet Weight	Pallet Stack
DOT 3 Brake Fluid	12/12 Oz.	580-006	0 14168-01618 6	0 14168-01672 8	L 11.445 x W 8.690 x H 6.890	0.397 / 66.800	11.206 / 1613.698	144 Cases (8 layers of 18)

