



# PRODUCT DATA SHEET

Premium Quality Lubricants

## NATIONAL™ SUPER HEAVY DUTY BRAKE FLUID

### Premium Brake Fluid

### PRODUCT DESCRIPTION

NATIONAL™ SUPER HEAVY DUTY BRAKE FLUID is formulated to meet the requirements for fluid stability, corrosion, fluidity, evaporation, water tolerance and appearance at low temperatures.

### INDUSTRY AND OEM SPECIFICATIONS

- ◆ Federal Motor Vehicle Safety Standard (FMVSS) No. 16 for DOT 3
- ◆ SAE J1703

### APPLICATIONS

NATIONAL™ SUPER HEAVY DUTY BRAKE FLUID is recommended for most automotive applications.

### TYPICAL PROPERTIES

TEST	DOT 3	Requirement
Boiling Point, Min °C		
Reflux	484	401
Wet Reflux	288	284
pH	10.5	7.0-11.5
Viscosity (cs)		
@-40°F, cSt, max.	799	1500
@212°F, cSt, min.	2.0	1.5
Effects on Rubber @ 158°F		
Hardness increase, max.	None	None
Hardness decrease, max.	8 IRHD	10 IRHD
Basic Diameter Increase	0.030 in.	0.006-0.055 in.
Effects on Rubber @ 248°F		
Hardness increase, max.	None	None
Hardness decrease, max	9 IRHD	15 IRHD
Basic Diameter Increase	0.040 in.	0.006-0.055 in

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