

# NBSM250™

## UNCOMPROMISING HIGH-PERFORMANCE LININGS

- A heavy-duty block ideal for rough-going, off-road applications
- Exclusive high-density, semi-metallic, asbestos-free formula, featuring a special blend of steel wool and aramid fibers
- Resists foreign particle impregnation from dust, dirt and grit, even in high-braking temperatures
- Provides longer life, protects drums and other components from excessive heat
- Meets FMVSS-121 requirements



## APPLICATION

Recommended for use on trucks, tractors, and trailers in all applications including general cargo, stop and go urban driving, bus, grain, liquid hauling, dump trucks and lowboys. Also designed for hydraulic cam brakes and air operated steel axles.



### GOGAN HARDNESS

#### 31.7 GC

Nondestructive method of measuring a lining's compressibility. Used as a quality control check of the consistency of formulation and processing of brake lining (SAE J379a).



### SPECIFIC GRAVITY

#### 2.65

Nondestructive test used as a quality control check of the consistency of formulation and processing of brake lining (SAE J380).



### TENSILE STRENGTH

#### 8710 PSI

Method of evaluating physical strength of brake lining (ASTM D952). Force required to break a sample 1.0 x 1.0 inch.



### TEMP RANGE

#### 800 °F

## TYPICAL INERTIA DYNAMOMETER PLOT TEST PARAMETERS – FMVSS 121 BRAKE STANDARD

**Brake** – 16.5" x 7" Meritor S-Cam

**AL Factor** – 180

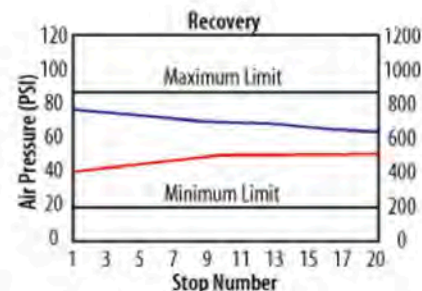
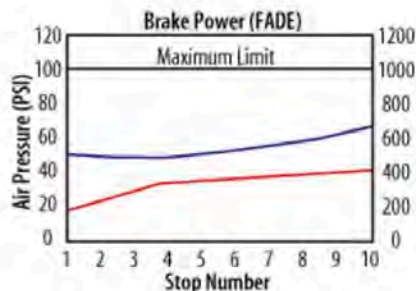
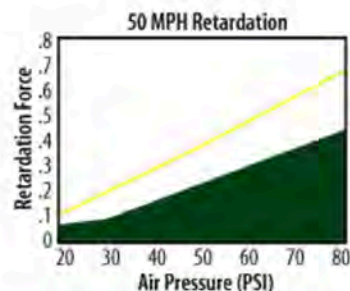
**Axle Load** – 23,000 lbs.

**Rolling Radius** – 20.7"

**Drum Weight** – 120 lbs.

### Legend

- Retardation Force
- Minimum Required Retardation
- Temperature (F)
- Pressure



**NEOBRAKE™**  
**REMAN UP.**