

Application Notes of J606M

As a high cost-effectiveness brake pad formula, J606M is designed to offer superior braking requirements for commercial vehicles. J606M is an environment friendly formula without asbestos. It provides high braking efficiency and good durability for CVs which axle load below 8 tons and are driven in all road conditions.



Technical Specification of J606M

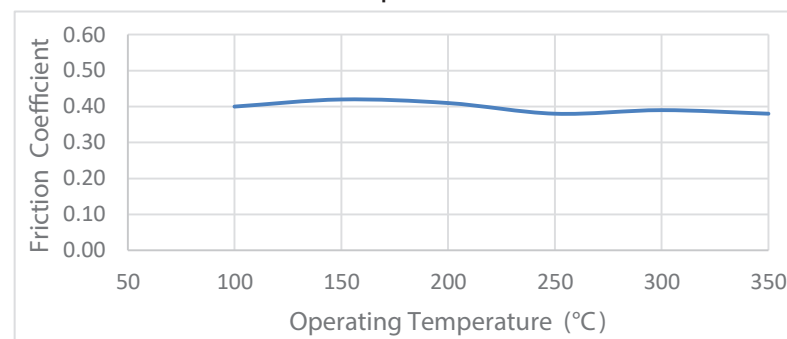
Material Description

J606M is a high cost-effectiveness formula for CV.

J606M offers good braking performance and friction coefficient stability under different braking conditions.

J606M has less fading and better recovery at high temperature or speed.

Friction / Temperature characteristics



Physical Characteristic

μ for designed purpose	0.35	Friction Level	FE
Specific gravity	3.01-3.21 g/cm ³	PH Value	7.50-8.20
Hardness	95-115HRR	Shear Strength	>2.50N/mm ²
Porosity	2.50-3.00 %	Impact Strength	1.130-1.450 KJ/m ²

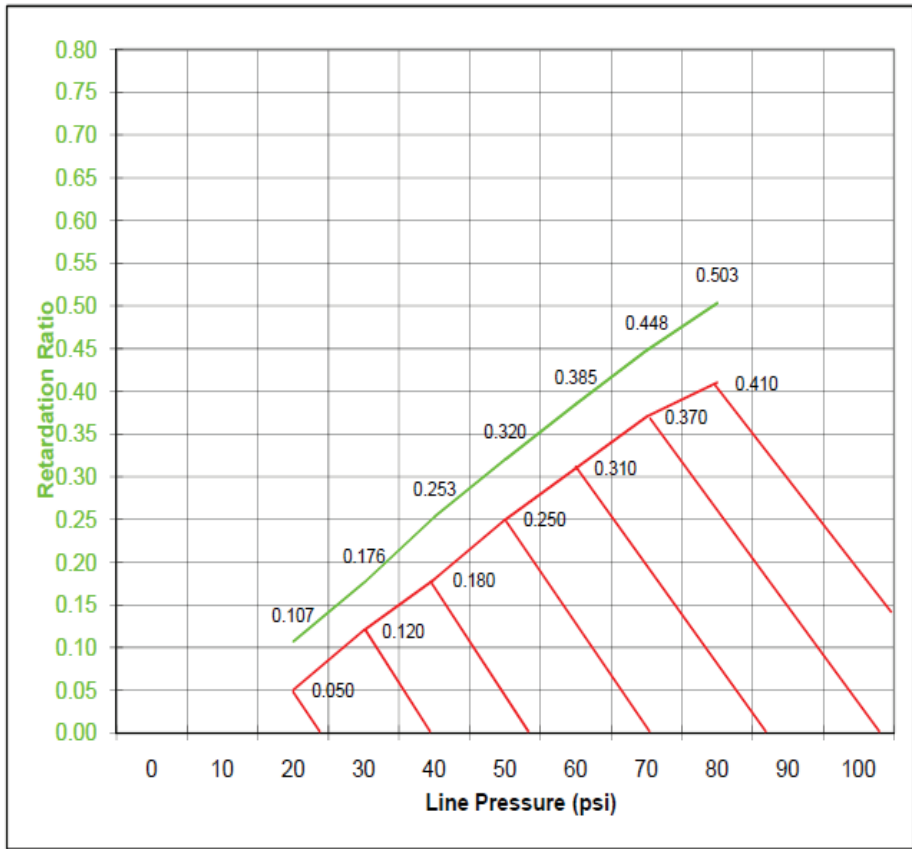
Brakeing Performance of J606M

SAE J2115-2006 BRAKE STANDARD

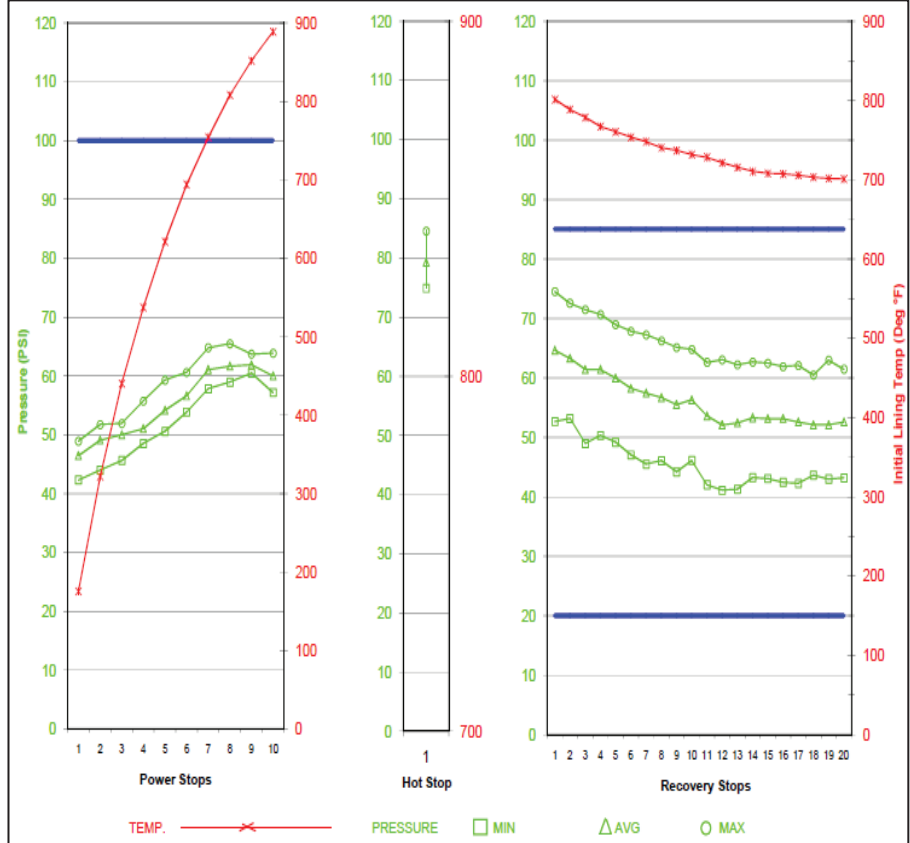
Test Parameter:

- ◆ Axle load- 8000 kg
- ◆ Rolling Radius- 528.0 mm
- ◆ Effective Radius- 175.0 mm
- ◆ Required Inertia- 1470.2 kg·m²

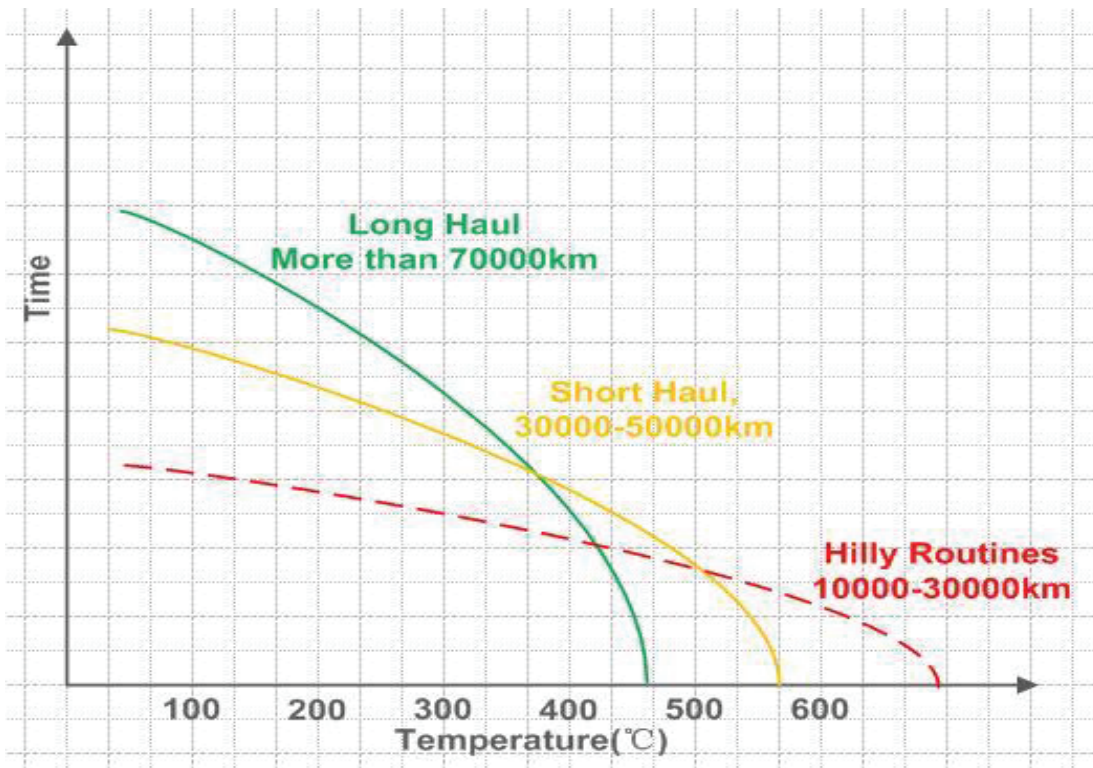
Retardation Ratio



Fade and Recovery



Usage Tips of J606M



For CVs (axle load <math><8</math> tons) and long haul braking conditions (such as highways), the mean durability of J606M is more than 70,000km.

For vehicles (axle load <math><8</math> tons) and short haul braking conditions (such as national road), the mean durability of J606M is 30,000km-50,000km.

For CVs which brake frequently (such as urban bus, garbage truck) and hilly routine braking conditions, the mean durability of J606M is 10,000-30,000km.

Notes:

X: Temperature of brake pads

Y: Interval time between two brakes.