



PROCEDIMENTO DE CONTROLE DA QUALIDADE DE GUARNIÇÕES PARA FREIOS  
**BRAKE LINING QUALITY CONTROL TEST PROCEDURE**  
 SAE J 661a - NBR 5541

MATERIAL: **PD/963**

LOTE: \_\_\_\_\_

Programa Nº: \_\_\_\_\_

Program. No. \_\_\_\_\_

Máquina Nº: \_\_\_\_\_

Machine No. \_\_\_\_\_

Operador: \_\_\_\_\_

Operator \_\_\_\_\_

Visto: \_\_\_\_\_

Visa \_\_\_\_\_

M.ESPECÍFICA ( NBR 5544 ): **3,10** g/cm<sup>3</sup>  
 Specific Gravity

DUREZA ( NBR 5520 ): **30** GC  
 Hardness

DESGASTE  
 Wear Data

Espessura, mm      Peso, gr  
 Thickness              Weight

INICIAL: \_\_\_\_\_

Start \_\_\_\_\_

FINAL: \_\_\_\_\_

Finish \_\_\_\_\_

PERDA: **0,10**      **0,200**

Loss \_\_\_\_\_

% \_\_\_\_\_

ENSAIO DESGASTE 204 °C: **0,05** mm  
 Wear Test 400 °F

TAXA DESGASTE 204 °C: \_\_\_\_\_ cm<sup>3</sup>/Kwh  
 Wear Rate 400 °F

COEFICIENTE DE ATRITO:  
 Coefficient of Friction

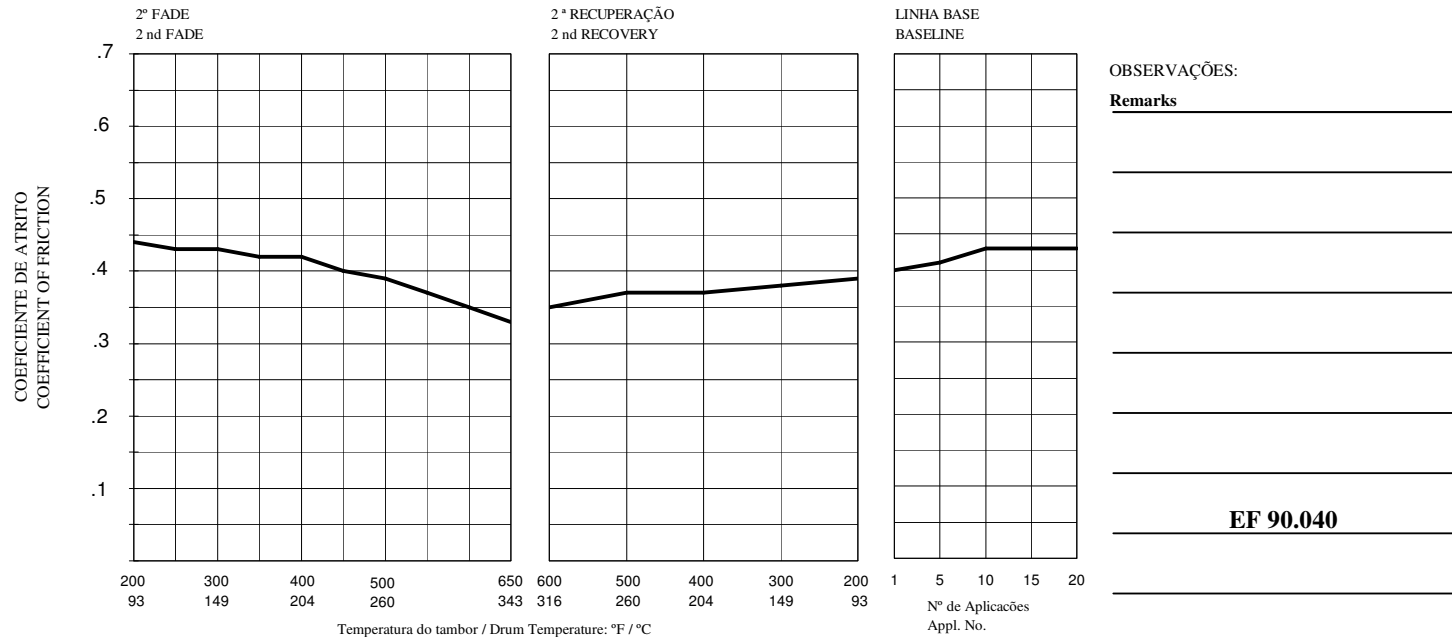
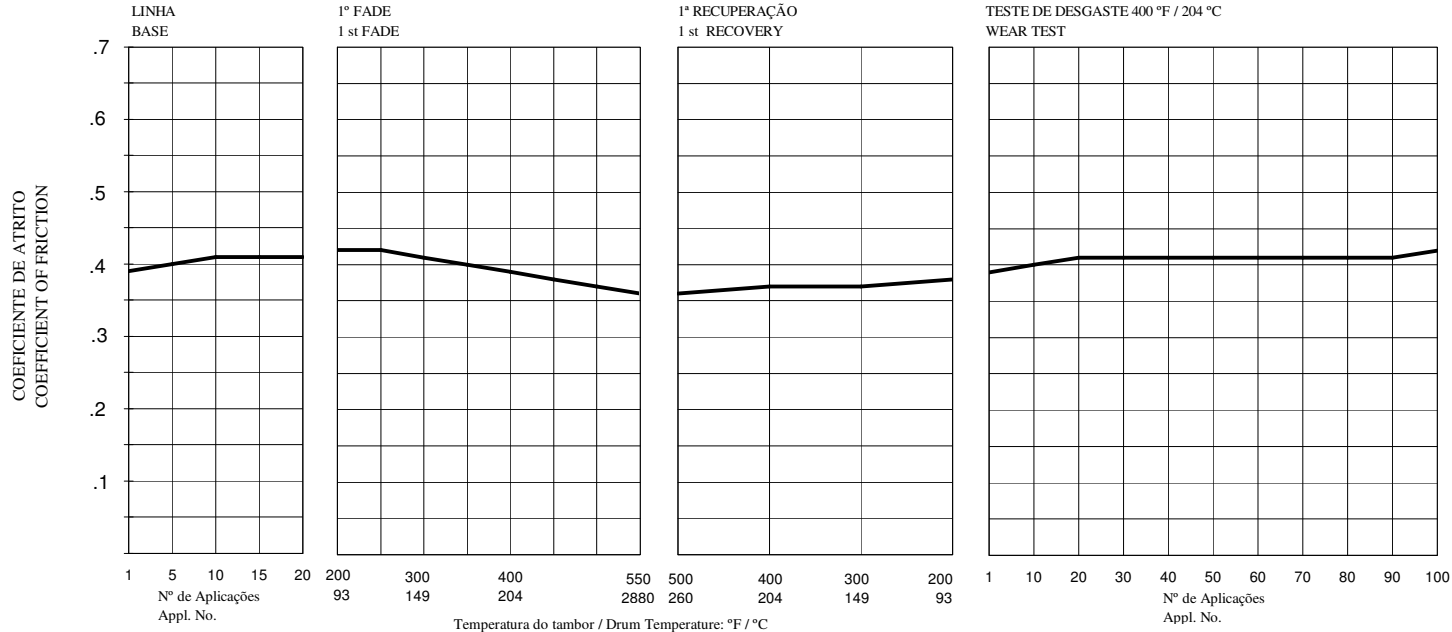
NORMAL: **0,430 F**  
 Normal

QUENTE: **0,370 F**  
 Hot

ENSAIO Nº: \_\_\_\_\_ DATA:  
 Test No.                      Date

**13/8/2004**

**EF 90.040**



OBSERVAÇÕES:

Remarks \_\_\_\_\_

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