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Date \_\_\_\_\_

Application Data

(for Caliper Disc Brakes)

(confidential)

Name \_\_\_\_\_ Title \_\_\_\_\_
Company \_\_\_\_\_
Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_
Fax \_\_\_\_\_ Phone \_\_\_\_\_ Country \_\_\_\_\_
Email \_\_\_\_\_

Are you currently working with a MICO Distributor? [ ] Yes [ ] No If yes, which one and who is the contact?

Estimated Annual Quantity \_\_\_\_\_

Is this a military application? [ ] Yes [ ] No If yes, what is the destination country? \_\_\_\_\_

Is this an underground coal mine application? [ ] Yes [ ] No

VEHICLE SPECIFICATIONS

Type of vehicle or equipment \_\_\_\_\_ Name and model number \_\_\_\_\_
Gross vehicle weight \_\_\_\_\_ Empty vehicle weight \_\_\_\_\_
Weight distribution loaded: front \_\_\_\_\_ or % loaded rear \_\_\_\_\_ or %
Weight distribution empty: front \_\_\_\_\_ or % empty rear \_\_\_\_\_ or %
Wheelbase \_\_\_\_\_ Center of gravity (vertical) \_\_\_\_\_ loaded \_\_\_\_\_ empty
Rolling radius: front \_\_\_\_\_ rear \_\_\_\_\_
Maximum loaded speed (level) \_\_\_\_\_ Maximum grade in favor of load \_\_\_\_\_ %
Rate of deceleration desired: Stop in \_\_\_\_\_ from \_\_\_\_\_ or \_\_\_\_\_
Coefficient of friction between tire and ground (estimated) \_\_\_\_\_ Type of road surface \_\_\_\_\_
Is this application required to conform with recommended practices or standards, if so which ones.

STATIONARY EQUIPMENT BRAKE REQUIREMENTS

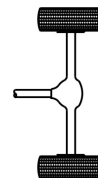
WK^2 of the rotating parts \_\_\_\_\_ RPM \_\_\_\_\_
Rate of deceleration desired: Stop time \_\_\_\_\_ sconds from \_\_\_\_\_ RPM or \_\_\_\_\_ radians/s^2

SPECIFICATIONS FOR BOTH MOBILE AND STATIONARY EQUIPMENT

Duty cycle \_\_\_\_\_
Maximum allowable rotor diameter \_\_\_\_\_, and thickness \_\_\_\_\_
Type of Brake Actuation: [ ] Hydraulic [ ] Mechanical [ ] Air [ ] Spring set hydraulic release
Maximum pressure available \_\_\_\_\_
System fluid used: [ ] DOT 3 or 4 brake fluid [ ] Mineral base hydraulic oil [ ] Water base [ ] Synthetic base
Fluid manufacturer and brand name \_\_\_\_\_
Number of brakes per machine \_\_\_\_\_ Location of brakes \_\_\_\_\_

Indicate brake relation within axle to gear train (use diagram):

- [ ] Brake mounted on driveline
[ ] Brake mounted between differential and planetary ratio
[ ] Brake wheel end out board of planetary ratio



Overall ratio
Differential ratio
Planetary ratio

Drive shaft or wheel hub diameter \_\_\_\_\_

Desired lining life (number of stops) \_\_\_\_\_

Please include any available drawings to show brake location on equipment, space for brake, mounting dimensions and any other pertinent information which you believe would be of assistance to us in understanding your brake application.

**You incur no obligation by submitting this data and the information given will be held in strict confidence.**

Comments:

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### **NOTICE**

Component and system recommendations made by MICO, Incorporated are based on information supplied by potential user and/or system designer. The potential user and/or designer must make final acceptance and approval of components and system after testing performance on an actual application for which system was designed.

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**Innovative Braking and Controls Worldwide**

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