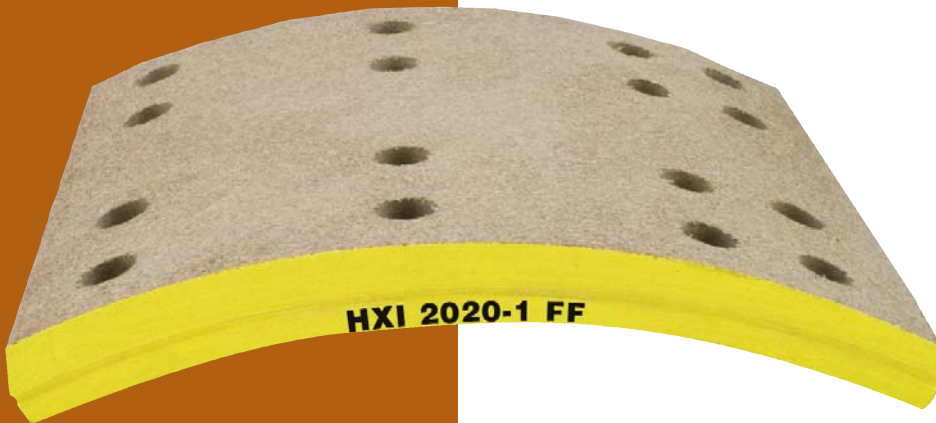


# Friction

# Haldex GG – 2020

Premium 23,000 lb. Brake Lining



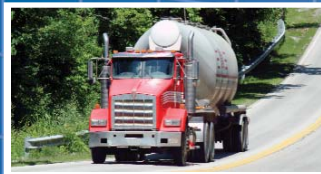
**Haldex GG 2020**, a 23,000-lb. high performance, premium brake lining, is designed for heavy-duty line haul as well as demanding vocational applications. Haldex GG is an expert at handling extremely variable load situations in the full range of operating environments with unwavering performance, safety and longevity.

## High Performance Profile

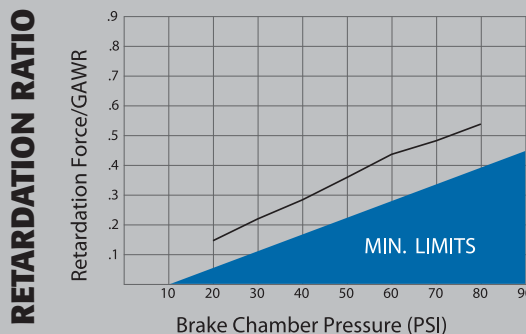
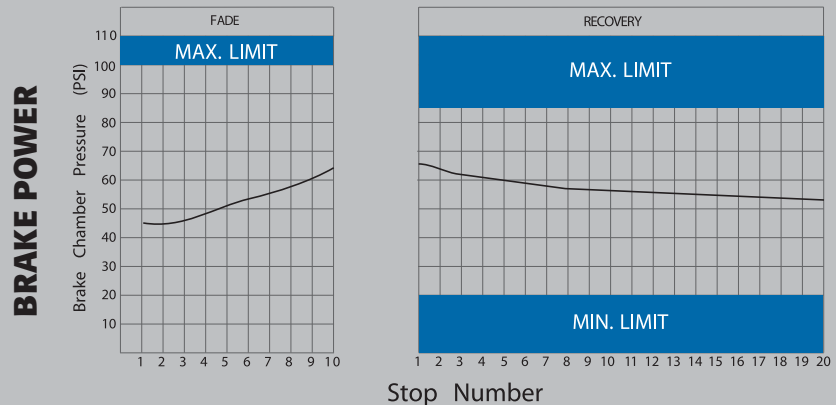
- FMVSS121 Certified @ 23,000 lbs. 165 AL Factor
- Unsurpassed versatility – superior stability and low sensitivity to temperature ensures Haldex GG can tame application and load variability
- Superior friction stability – means high performance and safe braking - low fade, exceptional recovery and consistent braking effectiveness
- Lower total life-cycle costs – exceptionally low lining wear and superior drum compatibility

## Confidence & Quality

- Decades of proven performance on the industry's most demanding fleets
- OEM upgrade & RP628 qualified
- Manufactured in TS/ISO Certified facilities



## Performance Guide for GG



**Brake: 16.5x7 S-Cam**  
**Axle Load: 23,000 lbs.**  
**Rolling Radius: 20.7**  
**AL Factor: 165**

**Friction Average:**  
**Normal .431 - .454**  
**Hot .411 - .442**  
**Coefficient - FF**

**Suggested AL Factor:**  
**144 - 180**

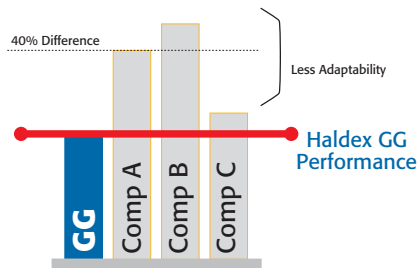
# Haldex

# Haldex GG – 2020 Advantages

## Performance Features

### High Performance Adaptability

- Haldex GG maintains performance at the extremes of load and operating environment variability.
- With its low sensitivity to temperature, Haldex GG continues to outperform the competition by exhibiting less brake fade through a full range of temperatures.



Comparison above based on published, self-reported data by the manufacturers of the following brake linings: Abex 685™, Carlisle MB23™, Meritor MA310™. Comparison based on power brake performance and brake recovery data supplied to the public by each respective lining manufacturer.

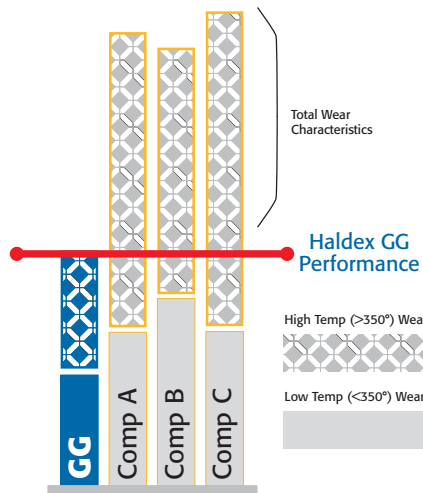
## Fleet Benefits

### Performance You Can Count On

- On average, Haldex GG exhibits 32% less total brake fade vs other OEM approved 23K linings
- Your drivers can be confident that the Haldex GG, when properly applied, will provide the brake power when needed, no matter the load or terrain

### Lower Total Life-Cycle Costs

- Lower lining wear at temperatures < 350°
- Lower lining wear at temperatures > 350°
- Haldex GG's unique formulation is especially designed to provide for the lowest total lining wear in the complete range of operational possibilities.



## Keep Your Profits on Your Bottom Line

- Substantially less wear - over 43% less, at both low and high temperatures
- No matter your operating environment, Haldex GG, when properly applied, will deliver the lowest total wear vs. these other OEM approved 23K brake linings
- Less wear means fewer shoes to buy, less down-time and less labor costs over the service life of the vehicle

Comparison above based on results from an independent laboratory collected during testing at FMVSS 121 certification criteria. All materials tested under identical conditions & parameters. Haldex strongly advises that the process of choosing a brake lining should be exclusively based on the needs of the vehicle in its unique operating environment and the ability of a brake lining to perform adequately in that environmental situation.

# Haldex GG – 2020

## Premium Performance

Temperature Range	975°
Resistance to Fade	Superior
Lining Wear Characteristics	Superior
Drum Compatibility	Excellent
Braking Effectiveness	Superior
Recovery	Excellent
Retardation Effectiveness	Superior
Cold Stop Effectiveness	Superior
Hot Stop Effectiveness	Superior

## Application Information

