

# Sustainable Supply Chain & Transportation

## The Future of the Truck



Doug Romanuk, Vice President

Western Region

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# Our Business

## Truckload



## Truckload: LCV (Long Combination Vehicle)



## Logistics



## Intermodal



## Less Than Truckload



## Special Services

(multi-temp/roller bed/warehouse/  
distribution)





# Our Facilities



- ❖ 1400 Trucks
- ❖ 4000 Trailers
- ❖ 2600 Employees



# 2015 Recognition

Bison Transport is a platinum member of Canada's 50 Best Managed Companies and has been on the Best Managed Companies list since 1994. In 2015 Bison accomplished many significant achievements including the following highlights:



## TCA National Fleet Safety Award

2015 was 9th consecutive year winning first place in the highly coveted Truckload Carriers Association's (TCA) **National Fleet Safety Award** and a eight time Grand Prize winner.

## ATA Safest Fleet

Recognized by the American Trucking Association (ATA) as **the Safest Fleet (over 100 Million Miles)** for 5 years running, and was presented with the President's Trophy.

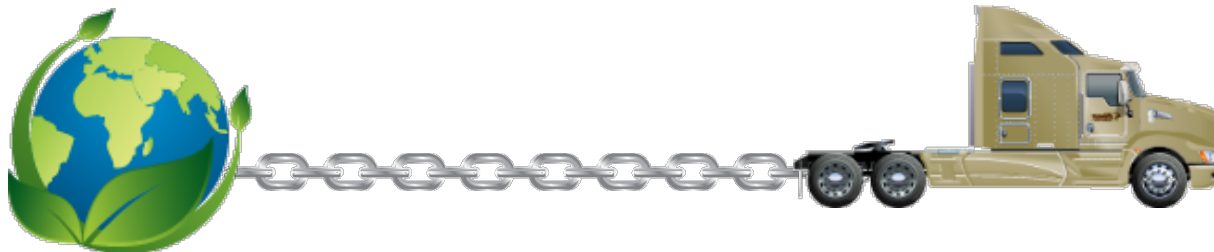
## Best Fleet to Drive For

Recognized as one of the 2014, 2012, 2011 and 2010 Best Fleets to Drive For. The TCA Best Fleets to drive for awards are determined through driver nominations and subsequent evaluations by the company's Professional Drivers.



# LNG – Technology vs Growth

- 15 LNG Tractors
- Calgary  $\rightleftarrows$  Edmonton Corridor (LCV Configuration)
- Purchased 15L Engine (Discontinued)
- Impossible to Scale
  - Maintenance
  - Fuel
  - Infrastructure
- Technology Validated.
- Reduce Greenhouse Gases (GHG) by 21-27%



# Let's Get Green!

## Easy to Say... Hard To Do!

- Requires cooperative investment in time and resources.
- 470 New Trailers
- 322 New Trucks
- Trailer Tails: 280 for 2015 = \$756,000  
4yrs to pay back the capital expense based on fuel savings
- Driver Conversations: 15 min/week x 1400 drivers = 8.75 people
- Health is required to ensure innovation is possible.
- Benefits come after the spending.



# Bison Equipment

Driver Training

Aerodynamic Tractor

Speed Limiter

- **Bison has 2746 skirts** (2007 & newer)
- **3410 skirts by 2016**
- **Fuel savings of 6-7% when using skirts**

Smog Free Engine

Auxiliary Power Unit (APU)

Trailer Side Skirts

Low Rolling Resistance Tires





# Newer Trucks

## Freightliner



## Peterbilt



- Fuel economy is 8.6/gallon
- Modern state of art fleet vs dated fleet



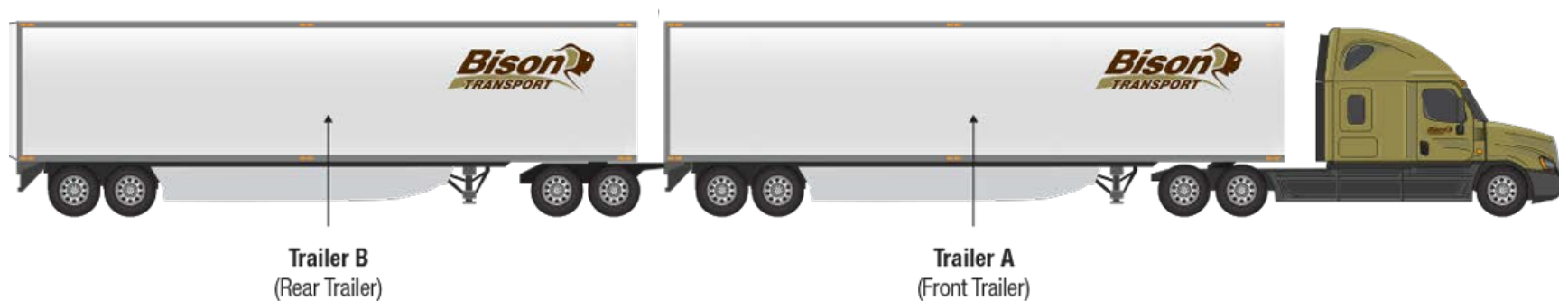
# Trailer Tails



- Aerodynamic @ 55 km
- 280 tails by end of year
- 5% increase in fuel economy



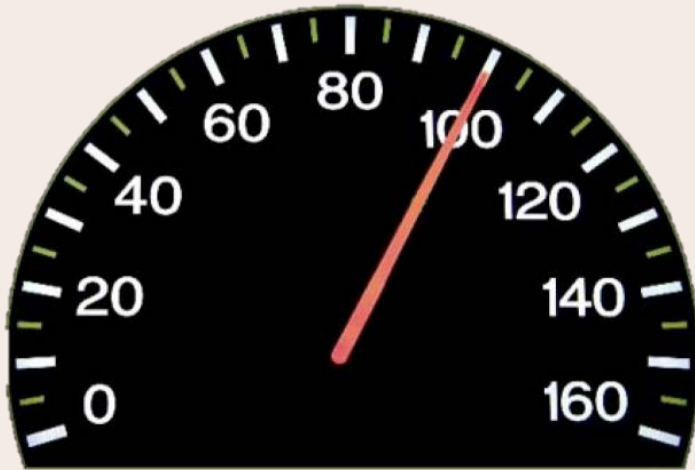
# Turnpike - LCV



- Environmental and efficient
- Edmonton/Calgary Lane: 90% done on LCV fleet
- Volume average of 30 sets/day: 5,420,250kg of GHG/year
- Corporate all miles: 39,113,544kg of GHG/year

# Speed/Driver Management

## Speed Management



- Speed Limiter set 100km/h
- Cruise Control
- Burning less fuel

## Driver Management



- Driver Training
- Efficient Driving Behaviour
- Acceleration Habits
- Driver Scorecard
- Idle Time

# Walmart Trailer







**1.800.GO.BISON**

**[www.BisonTransport.com](http://www.BisonTransport.com)**

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**Calgary, AB**

**Edmonton, AB**

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