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Decrease
operational
costs
.....

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Maximize
production
uptime
.....

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Reduce
maintenance
costs
.....



GATES V-BELTS

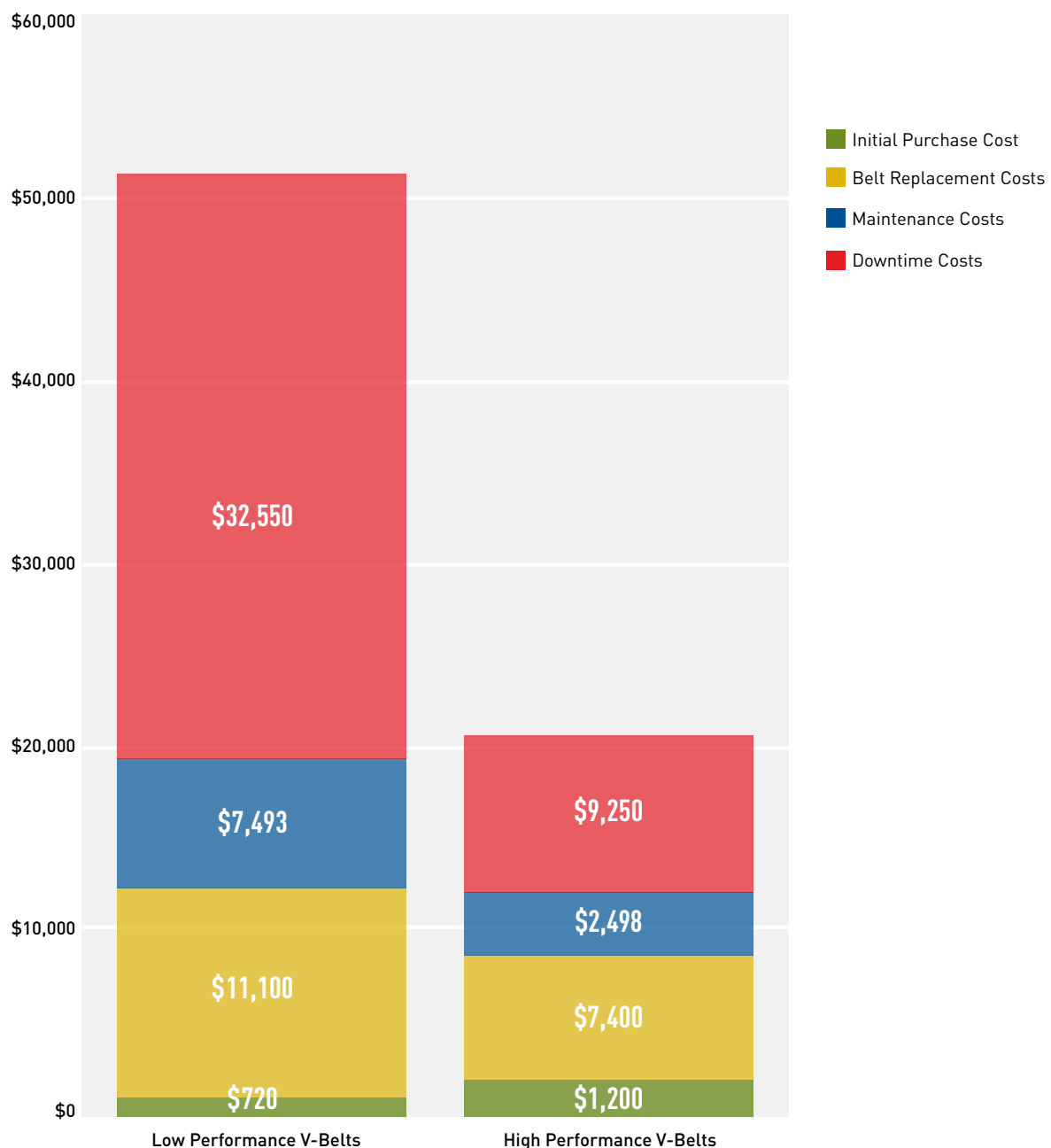
THE POWER BEHIND POWER TRANSMISSION



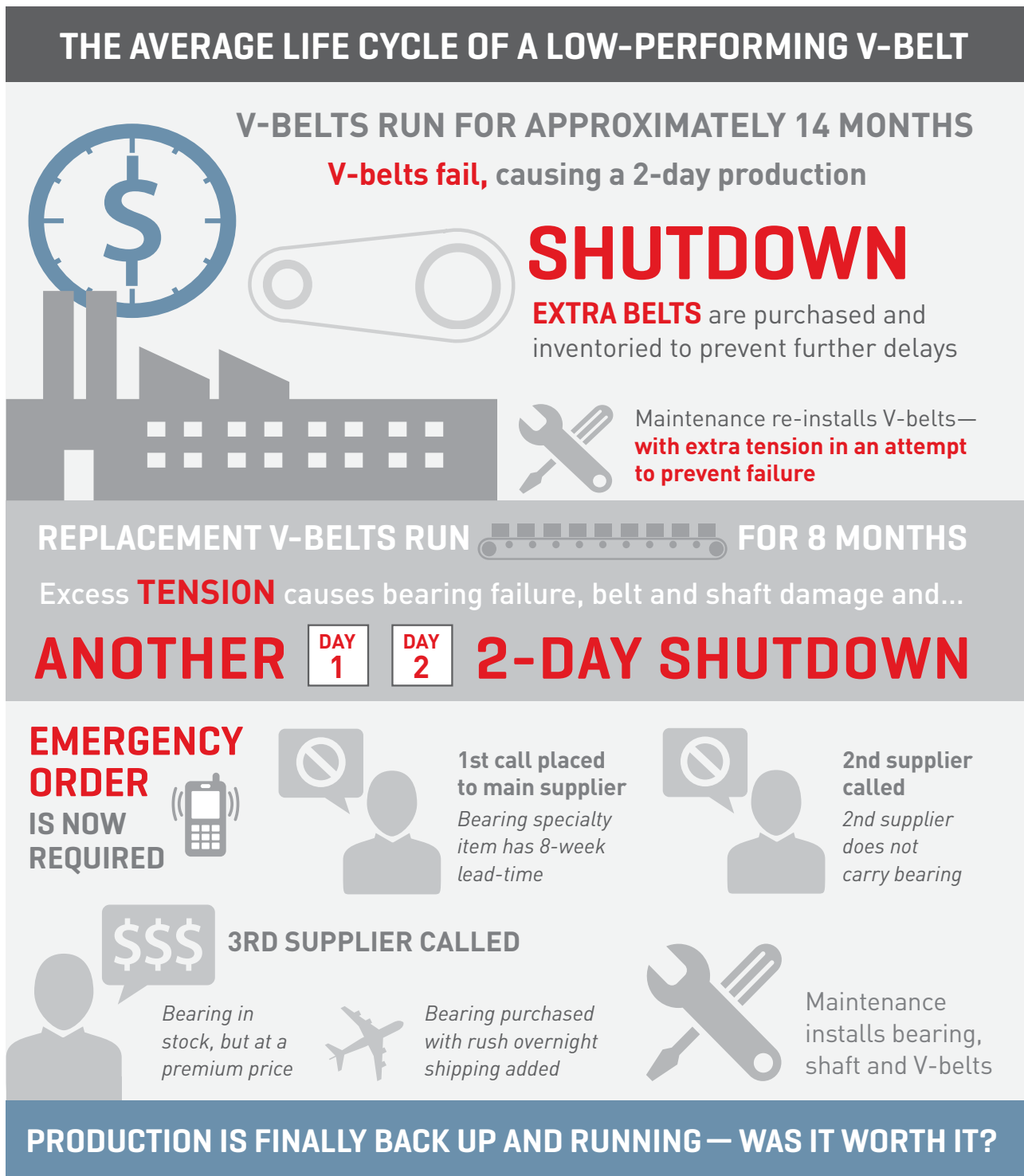
THE HIGH COST OF LOW-PERFORMING V-BELTS

V-belts are essential to power transmission in industrial applications throughout the world. Belt slippage, stretching and wear result in big problems for most facilities—with excessive downtime spent constantly retensioning, maintaining and replacing underperforming belts.

Saving money upfront with less expensive V-belts may seem like a good idea initially, until you realize the **hidden costs associated with choosing lower-performing belts**.



The progression of events that arise from running inferior V-belts can gain traction and exert far-reaching and negative consequences on industrial facilities, as illustrated below.



You can avoid these outcomes with superior Gates V-belts—backed by solid training programs and installation expertise. Once you have properly engineered drives running with high-performance Gates belts, you'll be operating more efficiently than ever.

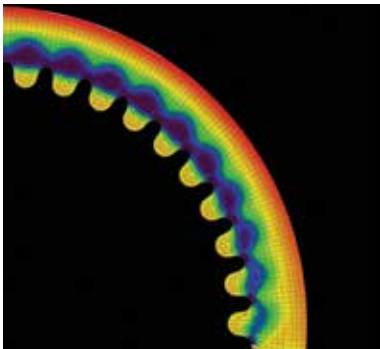
Maximize efficiency and cost savings

Gates is constantly innovating, offering the broadest range of tough heavy-duty, light-duty and specialty belt drives. Our comprehensive line of belts is designed to improve reliability, operating efficiency and deliver maximum belt performance to your operation—and your bottom line—with a wide array of features and benefits.

EXPANDED BELT TEMPERATURE RANGE
Gates **patented ethylene notched belt technology** stands up to the widest temperature range to avoid cracking.



MOLDED NOTCH BENDING STRESS
Gates molded notched belts are engineered to withstand maximum bending stress while increasing flexibility for improved energy efficiency.



Precision-ground sidewalls for smoother-running equipment

Minimize vibration to extend component life of belts, bearings, shafts, motors and other drive components. Gates advanced technology is available in a wide selection of off-the-shelf belts including the **new BX and CX Tri-Power® PowerBand® Belts**.



	SUPER HC® MOLDED NOTCH	TRI-POWER®	METRIC POWER®
SINGLES	3VX, 5VX, 8VX	AX, BX, CX	XPZ, XPA, XPB, XPC, 10X, 13X, 17X
POWERBANDS	3VX, 5VX	BX, CX	

Capture operating inefficiencies with Predator® banded belts

With the highest rated horsepower of any V-belt, Gates Predator® V-Belts have aramid tensile cord reinforcement for extreme strength and a clutching bareback cover for superior shock load absorption and abrasion resistance.

GATES PREDATOR

Half the weight and width, more than double the power density



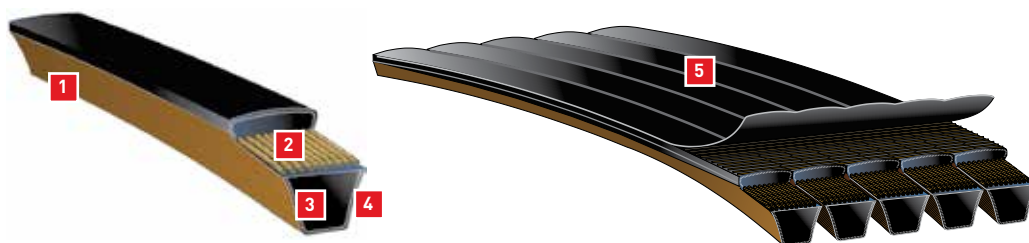
OTHER DRIVES

Twice the bulk and one-third more expensive



- Reduce drive costs up to 35%
- Reduce drive width up to 67%
- Reduce drive weight up to 50%

Patented construction maximizes belt performance



1

Reduce friction and heat buildup under shock load with abrasive and puncture-resistant bareback (non-rubber) **double layer fabric cover**.

2

Minimal need for retensioning due to stronger-than-steel **aramid fiber cords** that reduce belt stretch by 50% over standard V-belts.

3

Oil- and heat-resistant **chloroprene compound body**, rated for 180°F, outperforms other rubbers in harsh operating conditions.

4

Extend drive life with our **patented curved sidewall** that allows belt to enter the sheave groove cleanly and smoothly, reducing sidewall wear on belt and sheave.

5

Multiple-layer tie band joins belts together into a Predator PowerBand® that provides lateral rigidity for reduced vibration and belt turnover on multi-groove sheaves.

Ready for delivery

Gates inventory has **over 40,000 Predator® belts and sheaves in stock and ready to ship**, including both singles and PowerBand® belts.

	CLASSICAL	NARROW	METRIC
SINGLES	AB, BP, CP	5VP, 8VP	SPBP, SPCP
POWERBANDS	CP	3VP, 5VP, 8VP	

Our innovative Predator® is only one example among a full line of industry-leading V-belt products. Make sure you see them all at [Gates.com/Vbelt](https://www.gates.com/Vbelt).



EVERY BELT FOR EVERY NEED

Gates manufactures the largest line of standard V-belts in the industry. It's an extensive and accessible inventory of products with unmatched performance characteristics and unlimited range.

15,000 SKUs > ENDLESS APPLICATIONS

- › Tough ethylene construction
- › -70° to +250°F temp range
- › Notch design
- › Longer life
- › Less slippage
- › Reduced width
- › Low stretch
- › Energy savings
- › Flexibility
- › Chemical resistant
- › Reliable performance



GATES SUPPORT — SECOND TO NONE

Take advantage of the most experienced engineering, customer service and field sales experts in the industry, including:

- › **Application and engineering resources**
- › **Catalog and drive selection software**
- › **Nationwide sales force**
- › **Training and maintenance seminars**
- › **1,975 nationwide industrial distributors**

We're here to help power your success. Call Gates at 303-744-1911 for solutions to any of your power transmission challenges.

Gates.com/Vbelt

GATES CORPORATION

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