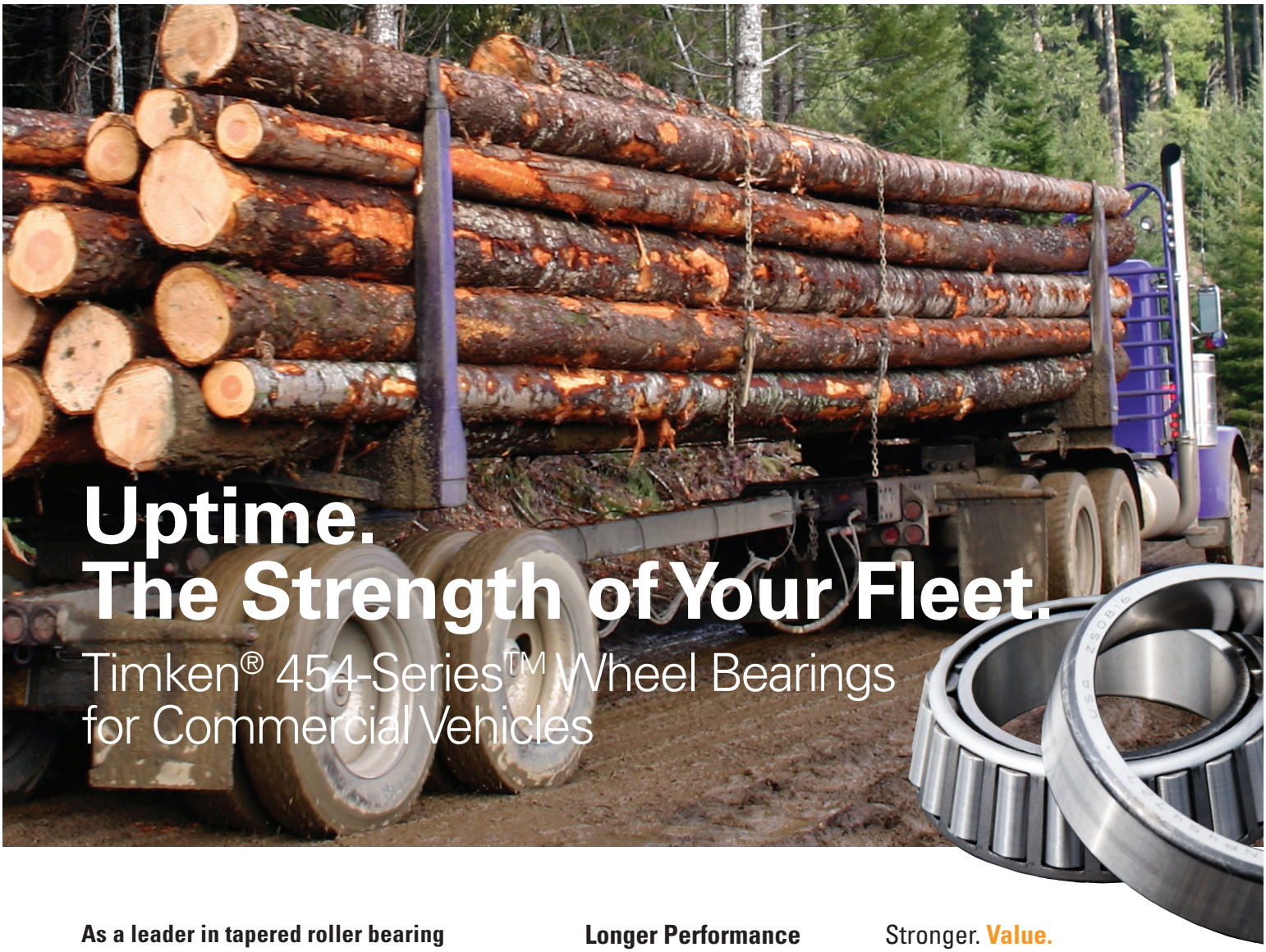
TIMKEN



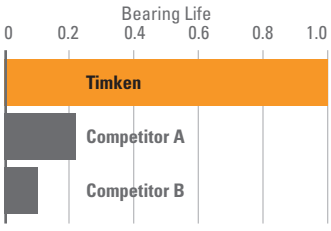
Uptime. The Strength of Your Fleet.

Timken® 454-Series™ Wheel Bearings for Commercial Vehicles

As a leader in tapered roller bearing technology, Timken engineers bearings to outlast and outperform those frequently used on original equipment.

Engineered with performance-enhancing features for severe-duty applications, Timken® 454-Series™ wheel bearings help increase fuel efficiency, improve load-carrying capacity, fit in popular axle and hub designs – and simplify installation – helping you accelerate your fleet's uptime.

Longer Performance



Comparison testing with 575 Series bearings from OE bearing manufacturers A and B. Information derived from Timken Accelerated Life Testing, using significant statistical samplings of bearings in a controlled test environment.

Stronger. Value.

- ***Simplifies installation***
- ***Handles heavy loads riding on dual or wide-single tires***
- ***Helps increase fuel efficiency***
- ***Improves uptime***
- ***Fits popular hubs***
- ***Offers a wide range of part numbers***

Timken Bearings: Engineered for Reliability and Performance

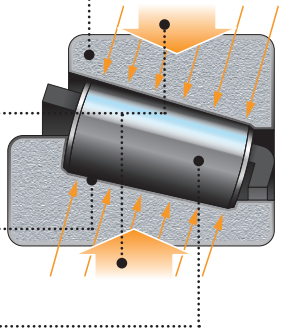
Timken engineering advancements help increase bearing life and durability as a result of cumulative improvements in steel-making technology, fundamental design, precision manufacturing and gauging.

ENGINEERED STEEL: Manufactured with super-clean alloy steel, these long-lasting bearings are designed to meet severe-duty application requirements.

PRECISION PROFILES: Internal raceway profiles reduce stress on bearing components by distributing the loads evenly across contact surfaces – increasing load-carrying capacity.

TIGHT TOLERANCES: Uniform internal geometry, including angle of contact for cones and rollers, creates a precise match between cup and cone – extending bearing life.

ENHANCED SURFACE FINISHES: Advanced finishing processes generate smoother surface finishes on races and rollers to reduce friction – helping increase fuel efficiency.



FLEXIBILITY: Engineered for severe-duty applications in any configuration – dual and wide singles, 454-Series wheel bearings maintain consistency and simplicity within fleets.

COMPATIBILITY: 454-Series wheel bearings fit popular axle and hub designs, allowing retrofit into existing equipment.

Application	Manual Adjusted			Timken® Set-Right® Bearings (Pre-adjusted)			Kit**
	Cone	Cup	MileMate® Bearing Set	Cone	Cup	MileMate® Bearing Set	
FF Steer Inner	NP454049	NP454011	SET440*	NP454357	NP454773	SET603*	FFTC2
FF Steer Outer	NP454782	NP454720	SET496*	NP454005	NP454398	SET605*	
R Drive Inner	NP454594	NP454592	SET443*	NP454946	NP454298	SET600*	RDTC2
R Drive Outer	NP454580	NP454572	SET442*	NP454302	NP454874	SET601*	
N Trailer Inner	NP454248	NP454210	SET441*	NP454350	NP454727	SET602*	TNTC2
N Trailer Outer	NP454049	NP454011	SET440*	NP454357	NP454773	SET603*	
P Trailer Inner & Outer	NP454445	NP454410	SET444*	NP454964	NP454561	SET604*	TPTC2
FL Steer Inner	NP454461	NP454420	SET497*				
FL Steer Outer	NP454555	NP454552	SET498*				
Heavy Steer (Mack) Inner	NP454049	NP454011	SET440*				
Heavy Steer (Mack) Outer	NP454280	NP454220	SET495*				

** Includes proprietary Timken part numbers.* *** Each kit includes two MileMate® Bearing Sets and a spacer.*
Note: A wheel bearing is one component of a wheel-end system. Consult your other wheel-end suppliers (i.e., axle, hub and wheel) for the ratings of their products.

Contact a Timken sales representative today to discover how our 454-Series tapered roller bearings can increase your fleet's uptime. (866) 9-TIMKEN (984-6536).

TIMKEN

The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets bearings, gear drives, automated lubrication systems, belts, brakes, clutches, chain, couplings, linear motion products and related industrial motion rebuild and repair services.

Stronger. By Design.

www.timken.com/aftermarket

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