

# TIMKEN

## Timken® Pro-Tect™ Leather Wheel End Seals

TRIED AND TESTED FOR ENDURANCE

Timken Pro-Tect leather seals are the choice of professionals who manage their fleets and heavy trucks in harsh, dirty and extreme temperatures (-65°F/-55°C to 250°F/120°C). The two-piece design and leather sealing are engineered to perform in tough conditions, while the heavy duty running surfaces provide better performance on worn spindles. Timken leather wheel end seals are designed to exceed your endurance expectations.

### THE PRO-TECT DIFFERENCE

#### ■ Lubrication Retention

The Pro-Tect seal offers superior, dynamic function with higher durability and reliability than its closest competitor. The proprietary manufacturing process results in a consistent dimensional accuracy that can be verified across millions of parts and the sealing element is polymer-coated for protection against lubricant attack giving insurance against static leakage.

#### ■ Environmental Resistance

All exposed steel, within the seal, is treated with zinc phosphate for extra corrosion resistance. All our seals are manufactured in a protected environment to avoid moisture causing potential damage to the leather.

#### ■ Contamination Exclusion

When the application permits, the Pro-Tect seal provides an additional wiper lip to provide an extra layer of protection against contamination.

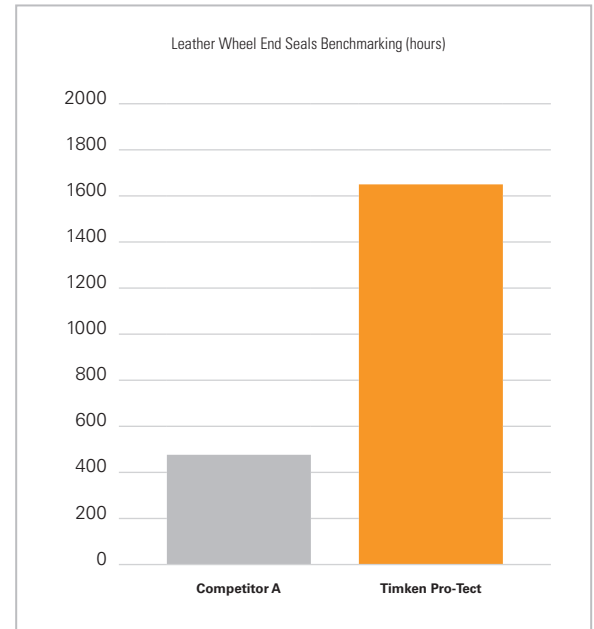


## INTERCHANGE: **TIMKEN PRO-TECT** LEATHER WHEEL END SEALS

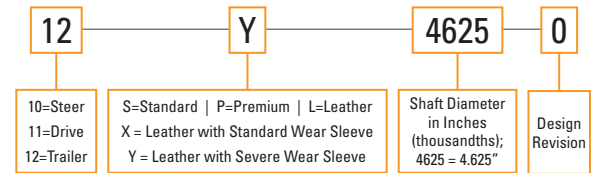
Timken Pro-Tect™	STEMCO® Grit Guard®	Common Application Description	Inboard Bearing (Cone, Cup)
<b>Front Axles</b>			
10X35003	382-8036	FF Steer Axle	HM212049, HM212011
10X43750	382-8064	FL Steer Axle	6461A, 6420
<b>Drive Axles</b>			
11X38752	392-9099	L Drive Axle	47686, 47620
11X52500	392-9089	Mack Axle: 50,000 & 60,000 lbs	687, 672
11Y42500	392-9112	Mack Axle: 44,000 lbs	HM516449C, HM516410
11Y47672	392-9131	R Drive Axle	594A, 592A
<b>Trailer Axles</b>			
12Y42501	372-7099	P Trailer Axle	HM518445, HM518410
12Y46250	372-7097	N Trailer Axle	HM218248, HM218210

## TIMKEN LEATHER SEALS 3 TIMES LONGER PERFORMANCE

Based on laboratory testing



### NOMENCLATURE



## TIMKEN COMMERCIAL VEHICLE WHEEL END COMPONENTS LIMITED WARRANTY

Limited warranty valid for following applications:	Limited warranty valid from Installation Date until the earliest to occur of:				Limited warranty valid when the following wheel end assembly components have been purchased and installed together:				
	For Trailers		For Trucks		Bearing	Premium Seal	Standard/Leather Seal	Hubcap	Locking Nut
	Years	Trailer Mileage	Years	Truck Mileage					
On-highway	5	Unlimited	2	200,000	X	X			
On-highway	6	Unlimited	3	350,000	X	X		X	
On-highway	7	Unlimited	5	500,000	X	X		X	X
On-highway	5	Unlimited	2	125,000	X		X		
On-highway	6	Unlimited	3	250,000	X		X	X	
On-highway	7	Unlimited	5	400,000	X		X	X	X
Severe Duty	1	175,000	1	175,000	X	X			
Severe Duty	1	125,000	1	125,000	X		X		

Visit [www.timken.com/cvwarranty](http://www.timken.com/cvwarranty) for complete warranty details

# 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 high-performance mechanical components, including bearings, gears, belts, chain and related mechanical power transmission products and services.

Stronger. By Design.

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