

# FOR ALL YOUR TRUCKING NEEDS



**At Applied Industrial Technologies®, we understand the demands of the trucking industry and aim to deliver quality parts and services to your door.**

We align ourselves with premium trucking suppliers such as SKF, Contitech, Optibelt, Eaton and Castrol, providing our customers with a superior range of truck components and services to ensure you are back on the road in no time.



## WE SPECIALISE IN THE FOLLOWING:

TAPERED WHEEL BEARINGS

SCOTSEALS

TRANSMISSION BEARINGS

UNITISED HUB UNITS

AIR DRYERS

LUBRICATION SYSTEMS

LUBRICANTS & OILS

HOSE & FITTINGS

BELTS

HEAVY DUTY TRANSMISSIONS

HYDRAULICS



[WWW.APPLIEDNZ.COM](http://WWW.APPLIEDNZ.COM)

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## SKF commercial vehicle components ... better in the long run

SKF provides a wide range of components for the largest truck brands in

- North America (Kenworth, Mack, Western Star, Navistar)
- Europe (Mercedes-Benz, Volvo, Iveco, MAN, DAF, Scania)

All meet, or exceed, OE specifications, and all are available at competitive prices through the most efficient Distribution Network in the aftermarket.



### TRB (TAPERED WHEEL BEARINGS)

- Optimised internal geometry and contact profile
- Increased load-carrying capacity
- Noise and friction reduction
- Through-hardened rollers



### SCOTSEAL

- The original one-piece unitised oil/grease seal
- OEM first fit for many heavy Truck Brands
- Metal OD (tool fit) or Rubber OD (hand fit)
- Nitrile and Duratemp (high temperature) options



### TRANSMISSION BEARINGS

- High quality "TQ-Line" Transmission bearings
- OEM Supplier to Volvo and Scania in Europe
- Optimised internal geometry and contact profile



### UNITISED TRUCK HUB UNITS

- One piece design for ease of installation
- Pre-assembled, greased and sealed for long life
- Proven in the most harsh conditions in Australia



### BRAKEMASTER® AIR DRYERS

- OEM fitment for Australia's most popular Heavy Truck
- Handles extreme air system demands
- Ideal for transit, garbage and off-road vehicles
- Wide range of designs for a variety of applications

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## SKF WHEEL BEARING AND SCOTSEAL KITS APPLICATION GUIDE

Application	Scotseal Part	Inner Bearing	Outer Bearing	Lubrication Type
<b>STEER AXLE</b>	35066 CLASSIC (CR35066)	HM212049/011 (SET 413)	3782/3720/Q (SET 406)	OIL/GREASE
<b>DRIVE AXLE</b>	47693 CLASSIC HI- TEMP (CR47693)	594 A/592 A/Q (SET 403)	580/572/Q (SET 401)	OIL
<b>TRAILER AXLE (TAPER)</b>	46303 PRO (CR46303)	HM 218248/10VS (SET 414)	HM 212049/011 (SET 413)	OIL/GREASE
<b>TRAILER AXLE (PROPAR)</b>	42623 CLASSIC (CR42623)	HM 518445/10VS (SET 415)	HM 518445/10VS (SET 415)	OIL/GREASE
<b>TRAILER (BPW) ECO PLUS 8-9 TON ECO PLUS 10-12 TON</b>	N/A	VKHB 2704 MY (33118-VSM)	VKHB 2703 MY (33213-VSM)	GREASE



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ContiTech

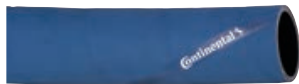
## CONTITECH

### HOSE



#### DUT UNIVERSAL TRUCK HOSE

Fast assembly with reusable fittings for hot oil applications with a temperature range of -40°F to 300°F (-40°C to 149°C). Available in sizes -04 (3/16") through -20 (1 1/8") I.D.



#### STRAIGHT RADIATOR HOSE WITH XTREME HEAT TECHNOLOGY

Designed for common coolants and straight radiator connections where higher heat resistance and longer life are desired.



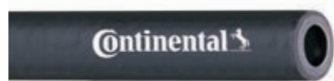
#### HEAVY-DUTY STRAIGHT RADIATOR HOSE

Designed with an extra heavy carcass to be used with automotive coolants for straight connections under severe conditions usually found on construction and off-road vehicle applications.



#### BLUE HEATER HOSE WITH XTREME HEAT TECHNOLOGY

For heater hose applications that endure higher underhood temperatures and require a higher heat resistance.



#### AIR BRAKE HOSE

For compressed air brake systems more commonly found on heavy-duty trucks.



#### SILICONE HEATER HOSE

Silicone heater hose is used for coolant transfer applications and higher-temperature service.



#### SILICONE CHARGE AIR COOLER HOSE

Handles slight misalignment between components and helps isolate vibration within air cooler system.

## ADDITIONAL HOSE

#### FUEL LINE/PCV/EMISSION CONTROL HOSE SAE 30R7

A multipurpose fuel hose that can be used as a fuel line, PCV connection, emission control line or fuel return line.

#### FUEL INJECTION HOSE SAE 30R9

CARB-approved and specifically designed for auto and truck fuel-injection systems.

#### TRANSMISSION OIL COOLER HOSE

Connect add-on and external transmission oil coolers in cars or trucks.

#### POWER BRAKE VACUUM HOSE

**Heavy Wall** – Fits most brake systems on trucks, trailers and construction equipment; resists collapsing or deforming.

**Light Wall** – Light-duty hose specifically designed for power brake vacuum applications on cars and light-duty trucks.

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## CASTROL

### CASTROL RX SUPER 15W-40

For mixed fleets without DPF's. Improved performance over API CI-4 oils by providing excellent soot handling, oil consumption control and engine wear benefits.

#### KEY FEATURES

- Superior viscosity stability ensuring extra margin of safety against soot related wear.
- High shear stable polymer (VI improver) that improves engine protection and extends engine life.
- Exceptional piston deposit control minimising oil consumption.



### CASTROL RX MAX 15W-40

Specially formulated with Durashield™ Boosters that give up to 40% less wear for longer engine life\*.

#### KEY FEATURES

- Preventing the agglomeration of soot as well as removing harmful soot particles from metal surfaces.
- Providing a protective film on the moving metal surfaces which resists breakdown even under difficult conditions, maintaining the film layer.
- Delivering improved deposit and corrosion protection by resisting thermal breakdown of the oil and by neutralising harmful acids.

\* Based on engine cam wear performance vs. API CJ-4 industry limits.

Additional RX products in the Castrol product portfolio include Castrol RX DIESEL, 15W-40, Castrol RX MONO 30 & 40, Castrol RX MONO DD 40 & 50.



### CASTROL AXLE AP 85W140

High quality, mineral oil based, multipurpose gear oil for use in light and heavy duty truck conventional differentials, final drives, non-synchronised manual transmissions and steering gears. Not recommended for manual transmission manufacturers who prefer non EP (Extreme Pressure) additive containing oils.

#### KEY FEATURES

- Formulated to be particularly stable under high temperature operating conditions and resist degradation which can lead to deposits which reduce oil seal and overall equipment life.
- Provides high oil film and wear protection which ensures components are protected even under severe operating conditions and thus prolongs equipment life.

### CASTROL TFC 400 SERIES

The Castrol TFC 400 SERIES range is specifically formulated with highly refined mineral oil for use in powershift transmissions, direct drive transmissions, wet disc brakes, final drives and differentials in off road machinery where Caterpillar TO-4 is required. Castrol TFC range is available in a range of viscosities that include TFC 410, TFC 430, TFC 450 & TFC 460.

#### KEY FEATURES

- Excellent oxidation stability maintains high temperature performance and transmission cleanliness during the service life.
- Stable friction characteristics eliminate slippage and reduce brake noise.
- Excellent friction performance with a wide range of friction materials ensures smooth positive changes and enhanced friction material durability.
- Improved wear performance extends component life.

### CASTROL PREMIUM HEAVY DUTY

A high temperature multipurpose lithium complex grease designed for plain and roller bearing applications operating at temperatures beyond the limits of conventional Lithium greases.

#### KEY FEATURES

- Excellent thermal stability and wide temperature range.
- Reduced oil separation and resistance to hardening under pressure.
- High load carry capacity.
- Good water resistance.
- Excellent EP and anti-wear properties – protects equipment against extreme loading and assists in minimising bearing component wear.
- An optimised combination of Lithium thickener, highly refined base oil and specially selected base oil offers excellent all-round operating performance.





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## EATON

### IT'S WHAT'S INSIDE THAT COUNTS.

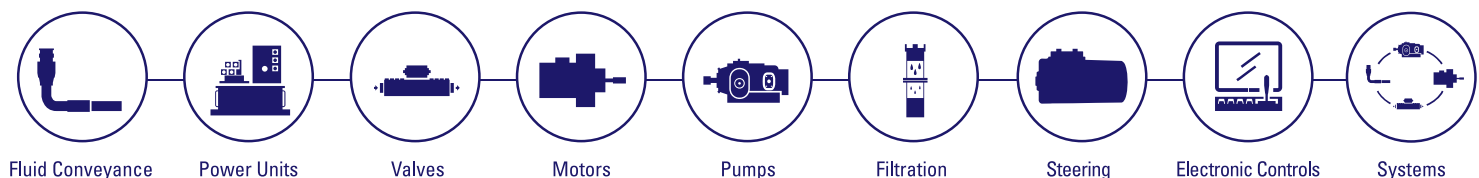
Whether you cover 500 miles a day or make 500 stops, your heavy truck has to handle the stress of constant use. The world's largest manufacturers of these vehicles trust Eaton parts and systems to provide reliable results. So can you.

Our components are used in all kinds of vehicles: over-the-road trucks, passenger buses, heavy service vans, emergency vehicles, utility trucks, concrete mixers—even military vehicles designed for the most extreme conditions of all.

With Eaton on the inside, you get consistent performance to succeed and finish the job. And, where reliable hydraulic components and systems are required, you'll find Eaton.

- Emergency services rely on Eaton products in their mission-critical vehicles
- Refuse and recycling haulers increase productivity and reduce operating costs with Eaton systems and solutions
- Eaton Mixers help Transit mixers run smoothly day after day
- Municipalities and fleets, count on Eaton products to keep critical jobs and public transportation "on time"

Eaton has a comprehensive portfolio of hydraulics to meet your needs



### PORTFOLIO SPOTLIGHT: JUST A FEW EXAMPLES WHERE WE EXCEL



Pumps

#### HEAVY DUTY TRANSMISSIONS

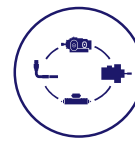
Robust Eaton heavy duty transmissions keep transmit mixers running with world class reliability, even in the toughest environmental conditions.



Fluid Conveyance

#### HOSE TUBE COMBINATIONS

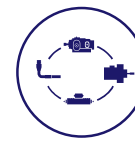
Experience the trusted performance of Eaton's hose tube combinations for tight, challenging routing and STC threadless connections for tight, challenging routing and faster connections in heavy duty, on-highway trucks.



Systems

#### POWER-ON-DEMAND

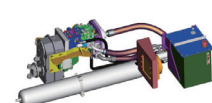
Refuse vehicles generate less emissions and consumer 10-15% less fuel when using Eaton's load sense Power-on-Demand hydraulic systems.



Systems

#### HYDRAULIC LAUNCH ASSIST

Realise 15-30% better fuel economy and up to 30% reduced emissions with Eaton Hydraulic Launch Assist (Hybrids) on Refuse Equipment.



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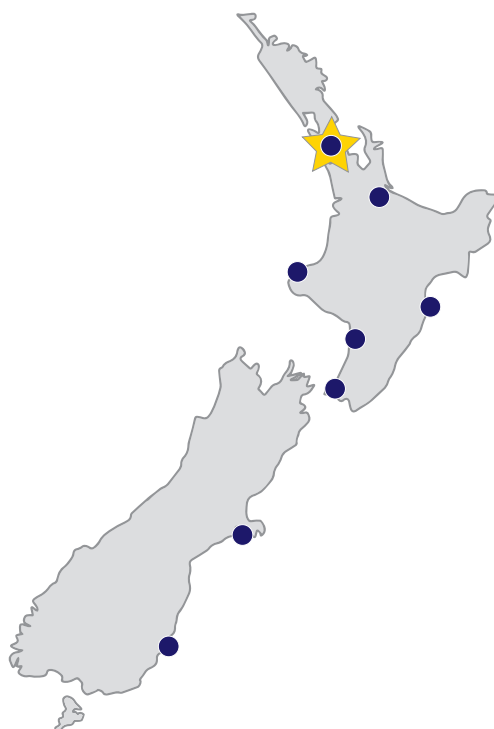


## OPTIBELT

Belt	Profiles	Benefits
<p><b>TRUCK POWER MARATHON 2 M = S</b></p> <p>In the case of multi-groove drives, due to its manufacturing tolerances, the precision ground V-belt can even be used unmeasured in the set. This can be identified by the additional specification M=S (matched sets). The characteristic of being the same in length makes handling simpler, prevents double inventory and enables extremely smooth running – especially in the case of multi-groove drives.</p> <p>Furthermore, the MARATHON 2 M = S is especially low stretch and extremely durable. Its durability is around 40 – 60% higher than that of a standard belt. This enables cost effective and safe operation of the lorries and buses.</p>	<p>AVX 10</p> <p>AVX 13</p>	<ul style="list-style-type: none"> <li>• Installed without measuring</li> <li>• Reinforced construction</li> <li>• High level of operational safety</li> <li>• Low maintenance operation and predictable maintenance intervals</li> <li>• High abrasion resistance</li> </ul>
<p>The <b>Optibelt KBX Kraftbands</b> are especially well suited for critical drive systems in commercial vehicles and buses. By means of their compact construction, vibrations of extended wheelbases can be considerably reduced. With tear resistant, transversely rigid top surface and precision-milled substructure, KBX Kraftbands serve many vehicle manufacturers as a troubleshooter on high stress drives in air compressors, air conditioning units and ventilator fans.</p>	<p>AVX 10 – 2 ribs</p> <p>AVX 13 – 2 ribs</p> <p>XPB – 2 ribs</p>	<p>Low maintenance operation</p> <ul style="list-style-type: none"> <li>• Very smooth running</li> <li>• No twisting in the belts</li> <li>• Low level of vibration</li> <li>• High abrasion resistance</li> </ul>
<p>The <b>Optibelt RBK</b> is a high performance ribbed V-belt for all modern standard ancillary component drives in commercial vehicles and buses.</p> <p>By means of its high level of flexibility, this belt construction enables space to be saved when configuring ancillary components, an ever-increasing constraint in the commercial vehicles and buses of today. Tensioning systems can even be done without using additional elastic ribbed V-belts. This solution supports the automotive industry in its endeavours to achieve flexibility, light construction, and cost optimisation. Even under environmental influences such as dust, moisture and extreme temperatures, the RBK provides for secure and silent power transmission. Whether combined with modern tensioning systems or as an elastic ribbed V-belt; the RBK satisfies vehicle manufacturer requirements and achieves the highest level of operational performance.</p>	<p>PK</p>	<ul style="list-style-type: none"> <li>• High transmission ratio</li> <li>• High power transmission</li> <li>• Minimum slip</li> <li>• High resistance to temperature</li> <li>• Low levels of noise and vibrations</li> <li>• Optimised wet slip resistance</li> </ul>



# APPLIED® LOCATIONS IN NEW ZEALAND



- ★ Applied ® distribution centre  
● Applied ® service centre

## New Zealand CN 1819

**Auckland**  
**HEAD OFFICE & BRANCH**  
67 Lady Ruby Drive  
East Tamaki  
Auckland 2013  
nz-auckland@appliednz.com

P.O. Box 58 549  
Botany  
Auckland 2163  
(09) 274 0056

**Christchurch**  
Unit 8, 303 Blenheim Road  
Upper Riccarton  
Christchurch 8041  
nz-christchurch@appliednz.com

P.O. Box 321  
Christchurch 8140  
(03) 341 6537

**Dunedin**  
4-6 McBride Street  
Dunedin 9012  
nz-dunedin@appliednz.com

P.O. Box 2178  
Dunedin 9044  
(03) 455 5652

**Hastings**  
1206 Omaha Road  
Hastings 4175  
nz-hastings@appliednz.com

P.O. Box 139  
Hastings 4156  
(06) 879 4362

**Lower Hutt**  
22 Waione Street  
Lower Hutt 5012  
Wellington  
nz-wellington@appliednz.com

P.O. Box 38657  
Wellington Mail Centre  
Lower Hutt 5045  
(04) 569 3159

**New Plymouth**  
Unit 1, 37 Hurlstone Drive  
Waiwhakaiho  
New Plymouth 4312  
nz-newplymouth@appliednz.com

P.O. Box 9030  
New Plymouth 4351  
(06) 769 5152

**Palmerston North**  
601D Tremaine Avenue  
Palmerston North 4410  
nz-palmerstonnorth@appliednz.com

P.O. Box 2097  
Palmerston North 4440  
(06) 356 9145

**Rotorua**  
47 White Street  
Fenton Park  
Rotorua 3010  
(07) 349 2451  
nz-rotorua@appliednz.com

**CONTACT AN APPLIED® REPRESENTATIVE TODAY!**



**HEAD OFFICE**  
67 Lady Ruby Drive  
East Tamaki  
Auckland 2013

P.O. Box 58 549  
Botany  
Auckland 2163  
(09) 274 0056

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