**BERT BLUE MAGIC**

**Grease Gun Part# 44-1133**
(Includes 1 3oz Cartridge)

- **Bert Blue Magic Special High RPM Grease Gun Service Kit:**
  - Compact and Lightweight
  - Heavy Duty Design for Long Service Life
  - Pistol Grip for Easy, One-Hand Operation
  - 4' Inch Extension Pipe with Standard Coupler for Universal Applications
  - Special Tipped Needle Specifically for Wheel Bearing and Bert Ball Splice Servicing
  - Includes one 3 oz (85g) Cartridge of Bert Blue Magic Racing Grease (Calcium Sulfonate Complex - NLGI 2, High RPM, Water Proof, EP, Hi-Temp up to 500°F)
  - 3 Cartridge Replacement Pack sold separately

**Bert Blue Magic Special High RPM Grease Info:**
- Bert Blue Magic Racing High RPM Grease is a premium formulation utilizing proven aerospace technology to increase metal surface and component durability.
- Specifically designed for High RPM / Extreme Duty Bearing Applications up to 10,000 RPM.
- Waterproof, will not break down under normal water or moisture conditions.
- Tacky, sticks within surface & seal areas does not sling out.
- Hi temperature performance up to 500°F.
- Calcium Sulfonate Complex NLGI No.2

(Bottles shown are 85g, actual cartridgues are 3oz)

*www.BertBlueMagic.com*
Maintenance Procedure Old Style Bert
grease ball spline through allen screw
Bert Transmission Ball Spline
with New Style Design Grease End
Bert Ball Spline Maintenance Procedure

Advanced Hi Performance Aerospace / Synthetic Grease Required for

Bert Transmission
Ball Spline Maintenance

Bert Blue Magic Grease Specially formulated for

Bert Ball Spline Application

Both New & Old Style
Bert Blue Magic Ball Spline Grease has a specific formulation design for Extreme Torque & High RPM Applications

Calcium Sulfonate Complex Aerospace / Synthetic Long Life & Water Proof

Grease Tackiness provides Seal-ability & Stay-ability

Does not sling away to far edges.

Fills in spline area Coats & Protects Bearings
Proper Ball Spline Maintenance Does Work

Observation:

After 40 Races
Continual Maintenance with Bert Blue Magic Grease
Surface slightly dull still smooth close to new Bearings could be re-used

Top – New Bert Bearings
Bottom – Bert Blue Magic
NEW Bert Ball Spline Maintenance Procedure

Tools Required for New Style Bert Transmission Ball Spline Maintenance

Bert Blue Magic Gun Kit with Standard Applicator and Bert Blue Magic Grease

Small Gun is lighter and easier to get into tight spaces
NEW & Redesigned Grease End on Ball Spline
For easy and repeatable ball area maintenance
Step One - Place Grease End on New Ball Spline End
Step Two - Pump Grease into New Ball Spline End
Step Three - Turn & Pump Grease into Each New Ball Spline End
Three (3) Total Grease Ends - DO NOT OVER FILL -
USE ONLY ENOUGH TO COVER & PROTECT BEARINGS
Old Bert Ball Spline Maintenance Procedure

Tools Required for Old Style Bert Transmission Ball Spline Maintenance

Bert Blue Magic Grease Gun Kit with Special Rubber Needle Applicator

Allen wrench either hand or small ratchet
Step One - Remove Small Allen Screw from Ball Spline
For Grease to flow easier please remove second ball spline screw
**Step Two** - Where Ball Spline Allen Screw was Removed
Insert Bert Blue Magic Grease Gun Rubber Needle
Step Two - Bert Blue Magic Grease Gun
Rubber Needle Applicator is easier for multiple angles
Step Three - Pump Special Bert Blue Magic Grease into Ball Spline Area
Long Shaft Provides MORE One Handed Simple & Easy Multiple Angles
Step Four… Continued - Replace Small Allen Screw(s) Back into Ball Spline Area
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Bert Blue Magic Products are Performance Tested and OEM Approved by Bert himself…

Wade Hegler
Waddon Racing, Waxhaw, NC 28173
10 April 2010

www bertbluemagic com

RE: Bert Blue Magic Products (2 Speed Transmission Fluid & Ball Spline Grease)
Bert Transmission OEM Approved

Dear Wade:

I am pleased to confirm with you and any other owner of a Bert Transmission the following:

Bert Blue Magic Lubrication Products have received my Bert Transmission OEM approved for use including the Standard or Advanced Pro Series Design Transmissions with or without Ball Spline.

Bert Blue Magic 2 Speed Transmission Fluid Part #444427

After evaluation, observation and testing in 2009 & early 2010 the Bert Blue Magic 2 speed transmission fluid with its special formulation design has proven to increase overall clutch, gear, bearing and overall component durability with increased performance life cycles (as compared to other standard or performance automatic transmission fluids used previously).

* Clutches had increased bite with considerably less wear upon face material and plates.
* Shift-ability greatly improved and made easier through hydraulic stability performance.
* Noise and whine commonly found within clutch spool shaft area was reduced.
* Internal Gears, Bearings and Shaft operated cleaner and cooler with less wear.

Bert Blue Magic Ball Spline Grease Gun Kit Part # 441133 / Grease Refill #4488923

After evaluation, observation and testing in 2009 & early 2010 the Bert Blue Magic Ball Spline Grease with its special formulation design has proven to increase overall ball spline durability with increased performance life cycles (as compared to other standard or performance greases used previously).

* Ball Spline had increased life with considerably less wear upon ball bearing and spline surfaces. Special designed grease was able to lubricate with continued repeatability and handle the high 9,000 – 10,000 RPMs without break down and stay / stick upon bearing / spline surface areas without slinging out.
* Serviceability & Maintenance greatly improved and made easier through Bert Blue Magic Ball Spline Grease Kit with special application nozzle and 3oz refill cartridges.
* Bearings and Spline Shaft operated cleaner and cooler with less wear.

Therefore, accept this document as our approval and endorsement of the Bert Blue Magic products.

Wade, we appreciate the joint efforts you and SynMax have put forth regarding the successful developments of these specialized lubrication products for the Bert Transmission OEM applications. If anyone has any questions or requires advice regarding the application or performance of these products, I want them directed towards your websites www bertbluemagic com or www waddon racing com

Sincerely,

Bert
Bert Transmissions
365 Saint Ragis-N,
Saint-Constant, Quebec, Canada
Bert Blue Magic

Part# 444427  1 US Quart (936ML)

Racing 2 Speed Transmission Fluid

Product Information:

- Special formulation created specifically for Bert & Falcon 2 speed transmissions with internal wet clutch / material facing design.
- Proprietary additives work together with the aggressive racing clutch material facings to safely increase “bite” while continually cleansing the pressure plate areas.
- Decreases clutch slippage, varnishing and sticking while increasing overall shifting performance and service life.
- PolyX technology helps maintain proper hydraulic fluid viscosity between the clutch disk plates for increased and consistent clutch pedal performance.
- Reduces the common “whine” which comes from high RPM clutch / spline shaft vibration, harmonic and surface contact area distortions.
- Synthetic chemistry with anti-wear technology; reduces internal parasitic drag, provides cooler temperatures and smoother operations. While protecting shafts, gears and bearings with increased durability and transmission life.

www.BertBlueMagic.com
Bert Transmission Ball Spline Maintenance Procedure New & Old Style

PRESENTATION - END

Bert Blue Magic Products – www.bertbluemagic.com
For Technical, Test and Brochure information on how “The Aerospace Advantage for Motorsports” can work for your race team or commercial needs go to:

www.SynMaxPerformanceLubricants.com