



REPLACEMENT MAGNETIC DIRT TRAP ELEMENT FOR OIL SYSTEMS



PRODUCT DESCRIPTION

SPECIFICALLY DESIGNED FOR LUBRICATION AND HYDRAULIC SYSTEMS WHERE THERE IS A REASONABLE PROBABILITY THAT THE HYDRAULIC OR LUBRICATING OIL WILL BE CONTAMINATED WITH METAL DEBRIS

CONSTRUCTED FROM:
304SS CORE
316SS FILTRATION SCREEN
303SS INLET & TIE ROD
2024 AL & 303SS NUT
VITON O RING and INLET SEAL
NEODYMIUM IRON BORON
PERMANENT MAGNETS (6)

BENEFITS & FEATURES

AVAILABLE WITH 3, 5, & 10 MICRON SCREENS

FITS ALL EXISTING DIRT TRAP FILTER BODIES, INCLUDING STEEL, SS316 AND 2024 ALUMINUM

RATED FOR PRESSURES UP TO 10,000 PSI

RATED FOR TEMPERATURES UP TO 400° F (200° C)

OUR NEODYMIUM IRON BORON PERMANENT MAGNETS ARE MUCH STRONGER AND HAVE A MUCH HIGHER RESISTANCE TO DEMAGNETIZATION THAN CERAMIC, ALNICO AND SM-CO MAGNETS.

ALL CONTAMINANTS ARE TRAPPED INSIDE THE FILTER ELEMENT AND ARE COMPLETELY REMOVED FROM THE SYSTEM WHENEVER THE FILTER ELEMENT IS REPLACED

OUR MAGNETIC DIRT TRAP PROVIDES ONE MORE DEFENSE IN THE BATTLE AGAINST CONTAMINATION, THE ENEMY OF HYDRAULIC OR LUBRICATION SYSTEM RELIABILITY

A CONTAMINATION FREE HYDRAULIC OR LUBRICATION SYSTEM IS A RELIABLE SYSTEM

READY FOR IMMEDIATE SHIPMENT

MADE IN



WWW.LUBRICATIONSCIENTIFICS.COM

ORDERING INFORMATION & PART NUMBERS

DIRT TRAP REPLACEMENT ELEMENT

STANDARD PACK: 1 EACH		
FILTER RATING	PART NUMBER	PART NUMBER
	ALUMINUM CAP	303 SS CAP
3 MICRON	DT-EL-002-003MIC-MAG	DT-EL-002-003MIC-MAG-SS
5 MICRON	DT-EL-002-005MIC-MAG	DT-EL-002-005MIC-MAG-SS
10 MICRON	DT-EL-002-010MIC-MAG	DT-EL-002-010MIC-MAG-SS



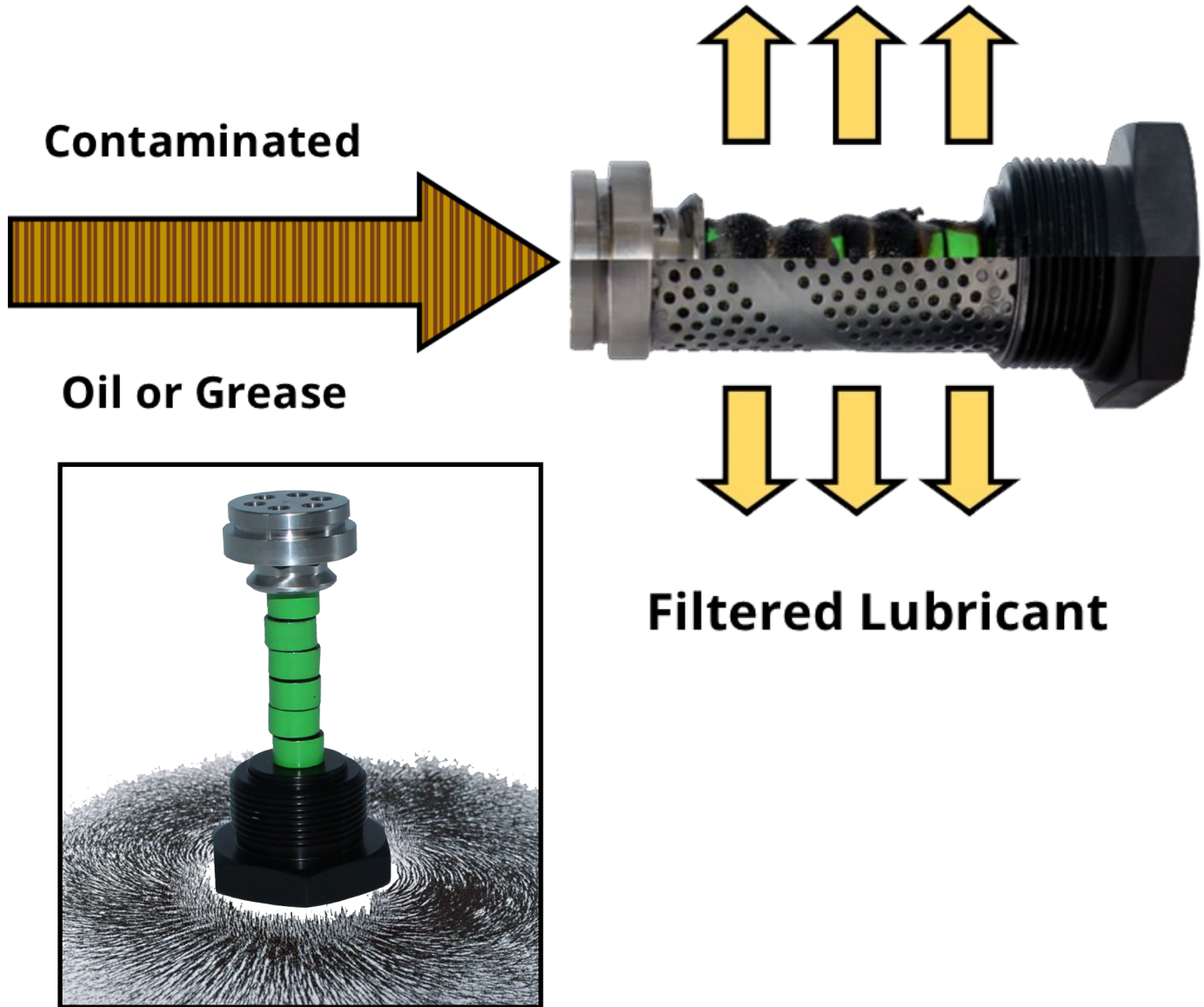
POWERFUL ENOUGH TO CAPTURE THE
SMALLEST METAL PARTICLES.



NOTE: REPLACEMENT ELEMENTS ARE
COMPATIBLE WITH BOTH THE CARBON STEEL,
STAINLESS STEEL, AND 2024 ALUMINUM
MODELS.

FUNCTION ILLUSTRATION & SPECIFICATIONS

Filtered Lubricant



SPECIFICATIONS

MATERIAL: ZINC PLATED CARBON STEEL OR ANODIZED AL 2024
FILTER RATING: 3, 5, 10 MICRONS (OIL)/150, 420 MICRONS (GREASE)
PRESSURE RATING: 7,500 PSI (STEEL)/6,000 PSI (AL)
WEIGHT: 6LBS (STEEL) / 2LBS (AL)

DIRT TRAP ELEMENT REPLACEMENT INSTRUCTIONS

Step 1: Depressurize any residual pressure from the system.

Step 2: Remove the old filter element from the filter body. Figure 1.1

Step 3: Remove the old Filter Element's Seal from the bottom of the Filter Body. Throw away. Visually inspect the inner body for any debris that may have fallen in during disassembly. Refer to Figure 1.2

Step 4: Lightly lubricate the new Dirt Trap Element Seal & O-Ring with oil or grease and drop the seal in the filter body making sure it rests flat on the body floor above the inlet cavity. Refer to Figure 1.2

Step 5: Insert the new Dirt Trap Replacement Element into the filter body. Tighten until the element assembly bottoms out onto the filter housing. Figure 1.3

Step 6: After installing any Dirt Trap filter in an existing or new lubrication system, run the system and record the differential pressure (difference between inlet pressure reading and outlet pressure reading). When this reading increases by **50 PSI**, replace the filter element

Tech Support: Can't figure it out? Give us a call toll free at: (877) 452-0157

Figure 1.1



Figure 1.2

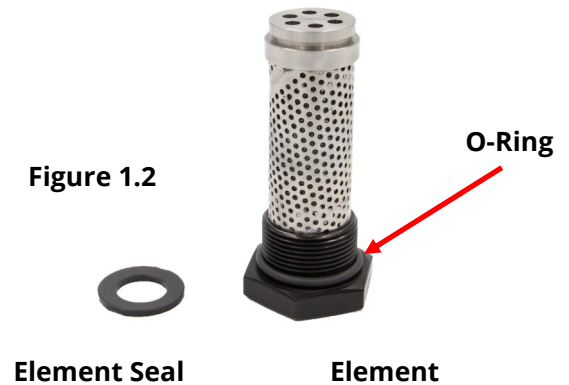


Figure 1.3



CONTACT US

IN THE USA, FIND YOUR STATE IN THE MAP BELOW, LOOK FOR THE REGION ID NUMBER AND FIND THAT NUMBER IN THE CONTACT INFORMATION CHART.



CONTACT INFORMATION CHART

1	Call Factory Direct - 877-452-0157	7	Richard Hanley - California - Santa Barbara, Ventura, Los Angeles, Orange, San Bernardino, Riverside, San Diego and Imperial Counties. Nevada - Clark County. Cell: 714-625-5539 Email: rth@lubricationscientifics.com
2	Call Factory Direct - 877-452-0157	8	California - All Counties not covered by Richard. Nevada - All Counties except Clark County. Call Factory Direct - 877-452-0157
3	Call Factory Direct - 877-452-0157		
4	Andy Kromer Cell: 440-364-4721 Email: aklub@lubricationscientifics.com	9	Call Factory Direct - 877-452-0157
5	Call Factory Direct - 877-452-0157	10	Call Factory Direct - 877-452-0157
6	Cory Walker Cell: 832-585-7065 Email: c.walker@lubricationscientifics.com		

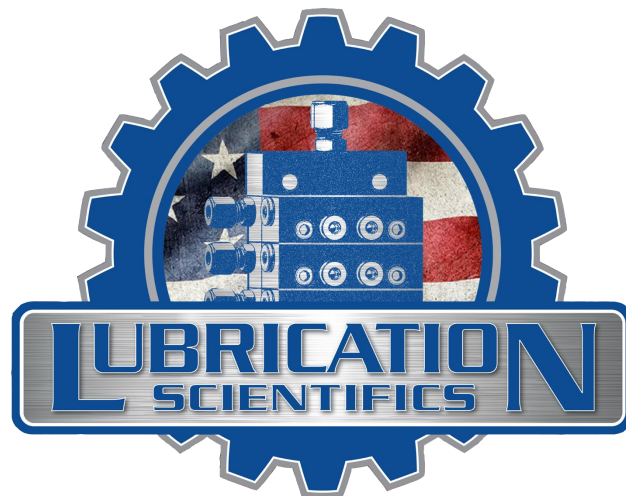
Outside of the United States	Call Factory Direct - 877-452-0157
------------------------------	------------------------------------

Customer Service (877-452-0157)

- ◆ Order status & order entry
- ◆ Pricing inquiries
- ◆ Part number look-ups
- ◆ Product availability information
- ◆ Shipment assistance
- ◆ All other general inquires

www.lubricationscientifics.com

- ◆ Product information, specifications, literature
- ◆ Locate sales reps and distributors
- ◆ Operator & Repair manuals
- ◆ Distributer Information
- ◆ Place orders and check current pricing
- ◆ Product Pricing



LUBRICATION SCIENTIFICS, LLC

17651 ARMSTRONG AVE.

IRVINE, CA 92614

UNITED STATES OF AMERICA

TOLL FREE TEL: (877) 452-0157, LOCAL TEL: (714) 557-0664, FAX: (714) 546-4564

WWW.LUBRICATIONSCIENTIFICS.COM