

**LABORATORY CATALYSTS FOR ASTM OXIDATION TESTING**

**PRODUCT PRICE LIST**

**CAT. # OXIDATION CATALYST COILS**

**D943 Oxidation Characteristics of Inhibited Mineral Oils (ASTM D943) (ISO 4263) (IP 157)**

**D4310 D4310 Determination of the Slugging Tendencies of Inhibited Mineral Oils (ASTM 4310)**

12 coils	\$17.00/each	\$204/box
24 coils	\$16.50/each	\$396/box
48 coils	\$16.00/each	\$768/box

**TEST TUBE DEPOSIT  
COMBINED WITH COIL COST:**

As indicated, for D943 and D4310 coils, a deposit of \$4.00 per D943 is charged for the special glass test tubes in which the coils are packaged. A credit memo or check will be issued when the shipping box and test tubes are returned freight prepaid. Return empty test tubes to C&P Catalyst, Inc., 4224 S. Pittsburg Avenue, Tulsa, OK 74135-2856.

**D2112 Oxidation Stability of Inhibited Mineral Insulating Oil by Rotating Pressure Vessel (ASTM D2112)**

**D2272 Oxidation Stability of Steam Turbine Oils by Rotating Pressure Vessel (ASTM D2272)**

24 coils	\$9.00/each	\$216.00/box
48 coils	\$8.75/each	\$420.00/box

If the jars and boxes are returned freight prepaid a \$0.75 credit per jar will be issued.

**D2440 Oxidation Stability of Mineral Insulating Oil (ASTM 2440) (IP306)(IP307).**

Packaged two coils per 4 oz jar. \$3.50 per coil – Minimum order of \$70.00 = (10 jars).

**D2070 Thermal Stability of Hydraulic Oils:**

Copper test rods are to be UNS C11000, 99.9% pure electrolytic tough pitch copper, 6.35mm in diameter by 7.6cm in length (0.25in. by 3.0in.). \$7.00 per copper rod

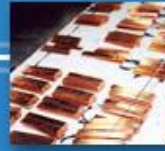
Steel test rods are to be AISI W-1 1% carbon steel, 6.35mm in diameter, 7.6cm in length (0.25 by 3.0in.). \$5.00 per steel rod

**D4871 Universal Oxidation Test for Hydraulic Fluids and Turbine Oils using ASTM D4871**

**D5846 Universal Oxidation/Thermal Stability Test Apparatus (D5846) (UOT). Packaged two coils per 8 oz. jar.** \$9.00 per coil – Minimum order of \$72.00 = (4 jars)

**IEC 61125A \$5.00 per coil if packaged 2 coils per jar. \$6.00 per coil if packaged 1 coil per jar. 5 cm long.**

**IEC 61125B&C \$6.00 per coil if packaged 2 coils per jar. \$7.00 per coil if packaged 1 coil per jar.**



**LABORATORY CATALYSTS FOR ASTM OXIDATION TESTING**

**PRODUCT PRICE LIST**

**COPPER AND SILVER STRIP CORROSION COUPONS READY FOR IMMEDIATE USE**

The copper used in the D130 / IP154 copper corrosion strips meets material specifications set by Committee D02.05.0C on Color and Reactivity. Strips are polished as specified in the respective method and packaged in individual envelopes, then placed in jars and sealed in an inert atmosphere ready for immediate use.

**ASTM D130 / IP154 Detection of Copper Corrosion from Petroleum Products by the Copper Strip Tarnish Test**

**ASTM D40 Detection of Copper Corrosion from Lubricating Grease**

Copper Strip is 12.5mm (1/2") wide X 3.0mm (1/8") thick X 75mm (3") long

Prices: \$4.75/each – NEW strips polished for immediate use  
 \$3.50/each – YOUR used strips polished (reconditioned) for immediate use

Copper strips are packaged ten per jar. If the jars and boxes are returned freight prepaid a \$0.75 credit per jar will be issued. Return empty jars to C&P Catalyst, Inc., 4224 S. Pittsburg Avenue, Tulsa, OK 74135-2856.

**ASTM D1838 Copper Strip Corrosion from Liquefied Petroleum Gases**

Copper Strip is 12.5mm (1/2") wide X 3.0mm (1/8") thick X 75mm (3") long with 1/8" hole at one end

Prices: \$5.00/each – NEW strips polished for immediate use  
 \$3.75/each – YOUR used strips polished (reconditioned) for immediate use

**D1275 Copper Strip** \$0.75/each unpolished  
 \$1.25/each pre-polished

**D2619 Copper Specimen** Standard Test method for Hydrolytic Stability of Hydraulic Fluids

Price: \$4.00/each – Cut, deburred and unpolished

**ASTM D7671 Standard Test Method for Corrosiveness to Silver by Automotive Spark-Ignition Engine Fuel-Silver Strip Method (Modified D130 Silver Corrosion Test in D4814)**

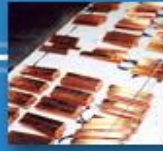
Silver Coupons 18mm X 12.6mm +/- .1mm X 2.75mm

Prices: \$18.50 NEW unpolished silver coupon  
 \$21.00 NEW polished silver coupon ready for immediate use  
 \$ 3.25 YOUR silver coupon polished (reconditioned) for immediate use

The silver coupons are prepared as specified in ASTM D7671, the new test method that replaces the Modified D130 Silver Corrosion test specified in ASTM D4814 Specification of Motor Gasoline, also packaged in individual envelopes then placed in jars and sealed in an inert atmosphere ready for immediate use. Please note that the price of the silver coupons is dependent on the very volatile silver market and may change as current supplies of silver are depleted. **PLEASE ORDER COPPER AND SILVER BY ASTM TEST METHOD NUMBER.**

**DIN 51353 Silver Strips** \$12.50/each – 20mm wide, 40mm length, 0.5mm thick

**ASTM D7667 Silver Strips** \$ 3.25/each – 38mm length (1.5"), 6.0mm wide, .535mm thick  
 Second Option: \$24.00 – 304mm strip (12"length), 6.0mm wide, .535mm thick



**LABORATORY CATALYSTS FOR ASTM OXIDATION TESTING**

**PRODUCT PRICE LIST**

D665 or NACE Rust Tests Spindles – New, polished and ready for use	\$ 11.00/each – U.S. thread \$ 13.50/each – metric thread
D665 or NACE Rust Test Spindles – Reconditioned: Your used spindles for immediate use	\$ 5.00/each

**OTHER LABORATORY ITEMS**

In addition to the items listed below, C&P Catalyst can provide other coupons and catalyst coils to meet any special need or request from the corrosion testing community. Please email or call with any needed items that are not listed in this price list:

**Ted Cowan/Pam Cowan**  
Phone: 918 747-8379  
Email [ted@cpcatalyst.com](mailto:ted@cpcatalyst.com) or [pam@cpcatalyst.com](mailto:pam@cpcatalyst.com)

**Tom Bell**  
Phone: 713 855-5010  
Email: [tom.m.bell@att.net](mailto:tom.m.bell@att.net)

14 Gage Soft drawn copper wire rolls:	500 ft roll	\$212.00 each roll
14 Gage Soft drawn copper wire rolls:	1000 ft rolls	\$385.00 each roll
16 Gage Hard drawn steel wire rolls:	2000 ft rolls	\$ 145.00 each roll

D2272		
O-ring gasket used in D2272 and D2112 Methods		\$3.00/each

Copper strips and silver coupons are packaged ten per jar. If the jars and boxes are returned freight prepaid a \$0.75 credit per jar will be issued. Return empty jars to:

**C&P CATALYST, INC.**  
4224 S. Pittsburg Avenue  
Tulsa, OK 74135-2856

All prices FOB Tulsa, OK in United States funds. Orders will be shipped by UPS unless otherwise directed. Shipping charges will be prepaid and added to the invoice. Terms, net 30 days. Minimum order quantities will apply on some products. For custom products, special orders or additional information, please contact **Ted Cowan at 918-747-8379 or Tom Bell at 713-855-5010**. CREDIT CARDS ARE WELCOME IN ADDITION TO THE PURCHASE ORDER PROCESS, but please do not send credit card information by email. Instead, let us know a good time to call you for these details; better yet, give us a call at your convenience.

Once a quote has been given there is a 90-day period for that item amount honored. Does not include shipping.

**VISIT OUR WEBSITE FOR MORE INFORMATION: [WWW.CPCATALYST.COM](http://WWW.CPCATALYST.COM)**