

BILL HIRSCH ENGINE ENAMELS
QUESTIONS AND ANSWERS

WHAT IS THE TRUE TEST OF THE QUALITY OF AN ENGINE ENAMEL?

THE TRUE TEST IS TIME! OF ALL THE ENGINE ENAMELS ON THE MARKET, **BILL HIRSCH ENGINE ENAMELS** HAVE BEEN ON THE MARKET THE LONGEST. 40 YEARS! AND ENGINES PAINTED WITH **BILL HIRSCH ENGINE ENAMEL** AS LONG AS 40 YEARS AGO. STILL HAVE THE ENAMEL ON THAT WAS APPLIED 40 YEARS AGO. NO OTHER ENGINE ENAMEL MANUFACTURER CAN MAKE THIS CLAIM.

WHY IS BILL HIRSCH ENGINE ENAMEL THE BEST?

BECAUSE IT IS MADE FROM THE VERY BEST COMPONENTS KNOWN TO MAN TO MAKE A PRODUCT OF THIS TYPE. IT IS MADE FROM THE VERY SAME COMPONENTS THAT ARE USED TO MAKE JET AIRCRAFT ENGINE ENAMEL, A VERY COSTLY AND EXTREMELY HIGH QUALITY MATERIAL NOT READILY AVAILABLE TO ALL PAINT MANUFACTURERS. THE PEOPLE WHO MANUFACTURE OUR ENGINE ENAMELS (UNDER CONTRACT) ARE CONNECTED WITH THE AEROSPACE INDUSTRY. THE ONLY DIFFERENCE BETWEEN OUR ENGINE ENAMEL AND THAT ON A JET ENGINE, IS THE COLOR.

ARE THERE ANY OTHER DIFFERENCES BETWEEN BILL HIRSCH ENGINE ENAMELS AND OTHER PAINTS SOLD AS ENGINE ENAMELS?

YES, THERE ARE SEVERAL, BUT FOR ONE, IN ORDER FOR A PAINT TO BE AN ENGINE ENAMEL AND STAND UP TO THE HEAT AND TIME LIKE **BILL HIRSCH ENGINE ENAMEL**, IT MUST BE MADE FROM THE EXACT COMPONENTS THAT **BILL HIRSCH ENGINE ENAMELS** ARE MADE FROM, WITHOUT ANY DEVIATION WHATSOEVER. THERE ARE NO OTHER ENGINE ENAMELS BEING PRODUCED WITH THESE COMPONENTS AND CONSEQUENTLY NO OTHER PAINT SOLD AS ENGINE ENAMEL, WILL EVEN COME NEAR THE QUALITY OF **BILL HIRSCH ENGINE ENAMEL**.

FOR EXAMPLE. **BILL HIRSCH ENGINE ENAMEL** CAN WITHSTAND THE MOST SEVERE CHANGE OF TEMPERATURE. IT CAN WITHSTAND A CHANGE IN TEMPERATURE FROM 50 DEGREES BELOW ZERO TO 700 DEGREES FAHRENHEIT IN JUST A FEW MINUTES WITHOUT ANY EFFECT ON THE FINISH. THERE IS NO OTHER AUTOMOTIVE ENGINE ENAMEL MADE THAT CAN MAKE THIS CLAIM. ALL OTHER ENGINE ENAMELS CLAIM TO BE RATED TO 350 DEGREES FAHRENHEIT. **BILL HIRSCH ENGINE ENAMEL** IS RATED TO 700 DEGREES F.

AND IT RETAINS ITS GLOSS.

IS BILL HIRSCH ENGINE ENAMEL RESISTANT TO GASOLINE AND OIL?

YES, UNLIKE THE OTHERS, **BILL HIRSCH ENGINE ENAMEL** IS RESISTANT TO GASOLINE AND OIL. IT TAKES ABOUT 2 WEEKS AFTER THE PAINT HAS FULLY HARDENED ON THE ENGINE AND CURED FOR THE FINISH TO BE GAS AND OIL RESISTANT. IF THE PAINT IS CONSTANTLY SUBJECTED TO GASOLINE, OIL, AND OTHER SPILLS, THE FINISH WILL EVENTUALLY BECOME STAINED, MUCH LIKE ANY OTHER FINISH, BUT IT HAS FAR MORE RESISTANCE TO GASOLINE AND OIL THAN ANY OTHER AUTOMOTIVE ENGINE ENAMEL.

IS THERE ANY PROOF TO THE QUALITY OF BILL HIRSCH ENGINE ENAMEL?

YES, JUST GO TO ANY CAR MEET WHERE THERE ARE RESTORED SHOW CARS AND IF **BILL HIRSCH** SUPPLIES THE COLOR FOR A PARTICULAR AUTOMOBILE OR AUTOMOBILES YOU WILL FIND THAT OVER 50% OF THOSE CARS THAT HAVE RE-PAINTED ENGINES, HAVE **BILL HIRSCH ENGINE ENAMEL** ON THEM. IN THE PAST 35 YEARS, WE HAVE SEEN AS MANY AS 15 COMPANIES MARKET AUTOMOTIVE ENGINE ENAMELS. ALL HAVE SUCCEDED.

MUST I SANDBLAST MY ENGINE BEFORE PAINTING?

NO, JUST MAKE SURE THE ENGINE IS FREE OF OIL, GREASE OR ANY OTHER FOREIGN MATTER THAT WILL KEEP THE FINISH FROM ADHERING. REMOVE OLD LOOSE AND FLAKING SCALE AND SAND OR WIRE BRUSH THE SURFACE.

MUST I USE A PRIMER BEFORE APPLYING THE ENGINE FINISH?

NOT ON THE BLOCK OR CYLINDER HEAD IF THEY ARE CAST IRON OR CAST ALUMINUM. **BILL HIRSCH ENGINE ENAMELS** WILL ADHERE BETTER THAN ANY OTHER PAINT SOLD AS ENGINE ENAMEL. HOWEVER, ON STEEL PARTS, SUCH AS OVERHEAD VALVE COVERS, SIDE VALVE COVERS AND ANY OTHER STEEL OR ALUMINUM PARTS, IT IS BEST TO USE A PRIMER ON THEM BEFORE APPLYING **BILL HIRSCH ENGINE ENAMEL**.

CAN I PAINT THE ENGINE WHILE IT IS IN THE CAR?

WHILE IT IS EASIER TO DO THE ENGINE AND GET A BETTER JOB IF IT IS OUT OF THE CAR, YOU CAN STILL DO IT IN THE CAR. **BILL HIRSCH ENGINE ENAMELS** DO NOT SPLATTER AND WITH A FAIR AMOUNT OF CARE, YOU CAN GET AN EXCELLENT BRUSH JOB.

CAN I USE BILL HIRSCH ENGINE ENAMEL ON MY MANIFOLDS?

YOU CAN PAINT YOUR INTAKE MANIFOLD WITH IT, BUT NOT YOUR EXHAUST MANIFOLD. THE EXHAUST MANIFOLD GETS OVER 700 DEGREES F. WHICH IS HIGHER THAN THE RATING OF EVEN OUR ENGINE ENAMEL. IN SOME CASES, WITH V-8 ENGINES (IN PARTICULAR BIG BLOCK GM & CHRYSLER ENGINES OVER 350C)

WHERE THE INTAKE MANIFOLD BOLTS UP RIGHT NEXT TO OR NEAR THE EXHAUST MANIFOLD, IT IS QUITE POSSIBLE THAT THE ENGINE ENAMEL WILL BURN OFF THESE AREAS AS THEY ARE SO CLOSE TO THE EXHAUST MANIFOLD THAT THEY GET HOTTER THAN THE FINISH IS RATED FOR.

ARE ENGINE CLEANER AND DEGREASERS AND HIGH TEMP PRIMERS AVAILABLE FROM BILL HIRSCH . YES, WE HAVE A VERY HIGH QUALITY ENGINE CLEANER AND DEGREASER IN BOTH 14 OZ AEROSOL, QUART AND GALLON SIZES. WE ALSO CARRY A LINE OF HIGH TEMP PRIMERS IN RED OXIDE, WHITE, GRAY AND BLACK.

ARE EXHAUST AND MANIFOLD FINISHES AVAILABLE FROM BILL HIRSCH?

YES, WE CARRY THE LARGEST AND BEST SELECTION OF EXHAUST AND MANIFOLD FINISHES ON THE MARKET IN 14 OZ. AEROSOL FORM AND IN PINT CANS. COLORS AVAILABLE ARE: ALUMINUM, CAST IRON GRAY, STAINLESS STEEL (PEWTER), & BLACK.

NOTE: THERE IS HARDLY A COUNTRY IN THE WORLD WHERE YOU WILL FIND AUTOMOBILES BEING RESTORED AND REFURBISHED THAT YOU WILL NOT FIND BILL HIRSCH ENGINE ENAMEL. WE HAVE SOLD OVER A HALF MILLION QUART CANS OF IT IN OVER 27 COUNTRIES IN THE PAST 40 YEARS. WE HAVE YET TO GET A REAL COMPLAINT. NO OTHER SUPPLIER CAN MAKE THIS CLAIM.

IMPORTANT- APPLICATION INSTRUCTIONS- PLEASE READ CAREFULLY!!!

CAUTION!!!! AVOID PAINTING WHEN TEMP IS ABOVE 80 DEG.OR HUMIDITY IS ABOVE 80% AS WRINKLING OF PAINT MAY RESULT

CAN BILL HIRSCH ENGINE ENAMEL BE SPRAYED OR BRUSHED ON?

YES, IF BRUSHING, USE IT THE WAY IT COMES OUT OF THE CAN. IT WILL COVER BETTER THAN ANY OTHER PAINT ON THE MARKET, BUT THE SURFACE TO BE PAINTED MUST BE FREE OF ANY OIL, GREASE, OR ANY OTHER RESIDUE. REMEMBER, THE PAINT WILL ONLY STICK TO WHAT IS UNDERNEATH IT. IF YOU ARE SPRAYING FROM A QUART CAN, YOU CAN USE IT THE WAY IT COMES OUT OF THE CAN BUT IF IT IS NECESSARY TO THIN, YOU CAN USE ABOUT 1 OUNCE OF XYLOR OR HIGH QUALITY SLOW DRYING LACQUER THINNER.

BRUSH APPLICATION ONLY: TRY TO DO ENTIRE ENGINE IN 1 APPLICATION. IF TOUCH UP IS NEEDED, WAIT ABOUT 1 WEEK OR UNTIL ENAMEL HAS FULLY CURED. YOU MAY THEN TOUCH UP WITH A BRUSH. FOR AT LEAST 4 MONTHS, DO NOT ATTEMPT TO TOUCH UP WITH AN AEROSOL CAN EVEN IF IT IS THE SAME COLOR. THE SOLVENTS IN THE AEROSOL FORMULA ARE MUCH STRONGER AND WILL ATTACK THE FINISH THAT YOU PUT ON WITH A BRUSH. FURTHER, SINCE THE QUARTS AND AEROSOLS ARE NOT MADE AT THE SAME TIME AND HAVE A SLIGHTLY DIFFERENT FORMULA, THEY MAY VARY IN COLOR.

SPRAY APPLICATION: THIS APPLIES TO AEROSOL CANS AND SPRAYING WITH A SPRAY GUN. MAKE THE FIRST COAT A VERY LIGHT MIST COAT- LET IT SET FOR 1-2 MINUTES MAXIMUM . BEFORE THE FIRST COAT DRIES AND IS STILL TACKY, APPLY A HEAVY COAT. THAT SHOULD BE ENOUGH. IF USING AEROSOL, DO NOT WAIT TOO LONG BETWEEN 1ST AND FINAL COATS OR THE SOLVENTS IN THE AEROSOL FORMULA WILL ATTACK THE FIRST COAT AND MAY CAUSE IT TO LIFT OR "CRINKLE"

IN ALL CASES, AVOID PUTTING ON TOO MUCH PAINT. WAIT AT LEAST 2 WEEKS BEFORE STARTING UP ENGINE. STARTING UP AN ENGINE WHERE PAINT HAS NOT FULLY CURED OR WHERE THERE IS TOO MUCH PAINT APPLIED, MAY CAUSE "WRINKLING" OF THE PAINT. STIR CONTENTS VERY WELL BEFORE USING. DO NOT USE IN TERPERATURES BELOW 60 DEG FAHRENHEIT / 16 DEG CELCIUS

FOR MORE INFORMATION REGARDING THIS PRODUCT OR ANY OTHER BILL HIRSCH PRODUCT, PLEASE CALL TOLL FREE 1-800 828 2061

**BILL HIRSCH AUTOMOTIVE PRODUCTS - 396 LITTLETON AVENUE, NEWARK, NJ 07103
FAX 973 642 6161 WWW.HIRSCHAUTO.COM (E-MAIL) INFO@HIRSCHAUTO.COM (REV 6-1-09)**