

TECHNICAL DATA SHEET



SL-40 PENETRATING OIL

DESCRIPTIONS:

SILOCK SL-40 PENETRATING OIL IS A FAST ACTING PENETRATING LUBRICANT FOR LOOSENING OF RUSTED PARTS, LUBRICATING HARD TO REACH AREAS, ACTS AS A CORROSION PROTECTOR OF ALL METALS AND ALSO AS A GENERAL LUBRICANT FOR ALL TYPES OF EQUIPMENTS AND TOOLS.

FEATURES:

- ◆ GENERAL LUBRICATION
- ◆ FAST-ACTING PENETRANT
- ◆ CORROSION PROTECTION
- ◆ WATER REMOVAL
- ◆ CLEANING AGENT

USES:

- ◆ AUTOMOTIVE: ENGINES, CAR LOCKS, RADIO AERIALS, CHROME TRIMS, BOLTS AND NUTS.
- ◆ ELECTRONICS: ALL TYPES OF SWITCHES.
- ◆ HOUSEHOLD: LOCKS, DOOR HINGES, CURTAIN TRACKS, SEWING MACHINES AND TOOLS.
- ◆ INDUSTRIAL: SUB-ASSEMBLIES, MACHINES.
- ◆ AVIATION: UNDERCARRIAGE GEAR, WHEEL COMPARTMENTS AND EMERGENCY GENERATORS.
- ◆ MARINE: FITTINGS, WINCHES AND POWER UNITS.
- ◆ SPORTING EQUIPMENT: BICYCLES, BIKES, SKI BINDINGS, FISHING REELS.
- ◆ OFFICE EQUIPMENT: TYPEWRITERS, PHOTOCOPIES, PRINTERS, DRAWER, SWIVEL CHAIRS.

WE RECOMMEND PRELIMINARY COMPATIBILITY TESTS PRIOR TO APPLICATION TO ACHIEVE DESIRABLE RESULTS

EFFECTS ON MATERIALS:

GENERAL: NEARLY ALL MATERIALS REACT TO SL-40 AS THEY WOULD TO HIGH GRADE MINERAL SPIRITS WITH THE SAME EXPOSURE.

RUBBER: NORMALLY NO VISIBLE EFFECTS. CERTAIN TYPES OF RUBBER WILL SWELL UPON PROLONGED IMMERSION IN SL-40.

FABRICS: THE FOLLOWING FABRICS WERE EXPOSED TO SL-40 WITH NO EFFECT, EXCEPT SLIGHT STAINING WHICH WAS READILY REMOVED WITH NAPHTHA OR DRY CLEANING SOLVENT: ORLON, WOOL, NYLON, AND COTTON.

PLASTICS: THE FOLLOWING PLASTICS WERE IMMERSSED IN SL-40 FOR 24 HOURS WITH NO VISIBLE EFFECTS: PE, PP, FORMICA, EPOXY, DELRIN, ACRYLIC, VINYL, TEFLON, POLYESTER, AND NYLON.

POLYCARBONATE AND PS MAY STRESS CRAZE OR CRACK IN CONTACT WITH SL-40.

TECHNICAL DATA SHEET



SL-40 PENETRATING OIL

COLOUR:

LIGHT AMBER

APPLICATIONS:

- ◆ SHAKE WELL BEFORE USING.
- ◆ SPRAYED ON BY AEROSOL OR SPRAY APPLICATOR.
- ◆ BRUSHED ON.
- ◆ IMMERSING ITEM IN A BATH OF SL-40.

SPECIFICATIONS:

APPEARANCE	CLEAR AND SLIGHTLY CLOUDY
ODOUR	VERY LIGHT CHARACTERISTIC AND PLEASANT ODOR
SPECIFIC GRAVITY	0.80 ± 0.02 AT 25 °C
VISCOSITY	30 ± 1.0 SEC ZAHN #1 AT 25 °C
FLASHPOINT (MINIMUM)	43 °C OPEN CUP
PERCENT NON-VOLATILE	23% BY WEIGHT
PERCENT VOLATILE	77% BY WEIGHT ALIPHATIC PETROLEUM DISTILLATE
POUR POINT	LESS THAN -70 °C
LOW TEMPERATURE STABILITY	EXCELLENT
COVERAGE	15M ² TO 25M ² PER LITER
BOILING POINT (INITIAL)	149 °C (MINIMUM)

STORAGE:

MATERIAL SHOULD BE STORED IN A DRY AND COOL PLACE BETWEEN +5°C TO +30°C.

CAUTION:

READ AND UNDERSTAND MATERIAL SAFETY DATA SHEET OF THIS PRODUCT BEFORE HANDLING OR USING.

THIS INFORMATION IS PROVIDED IN GOOD FAITH AND IS BELIEVED ACCURATE BASED ON A REVIEW OF CURRENT COMPOSITION AND INFORMATION SUPPLIED BY VENDORS. NO WARRANTY IS EXPRESSED OR IMPLIED. LIABILITY IS EXPRESSLY DISCLAIMED.