



**OPERATING INSTRUCTIONS FOR DU-LITE'S WATER DISPLACING OILS RG-55, RG65, 75 & 95, ALL WHEELZ, NEW MATIC, KWIKSEAL A, B & D, ALLWHEELZ**

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DU-LITE CORPORATION  
171 River Road  
Middletown, CT 06457  
860) 347-2505 FAX (860) 347-9404

DO NOT HEAT OR DILUTE solvent-based oils. These oils are designed to be used straight at room temperature.

RG-55 is a solvent-based, water displacing rust preventative oil which can be applied by dipping, spraying or brushing. RG-55 can be used in a plain steel tank as a final protective coating for castings, forgings, die sets, machined and steel parts to prevent rusting while in storage. After parts have been treated with RG-55, the solvent in the oil evaporates, leaving a slightly oily film and waxing agent behind. Protection lasts up to 12 months.

When work is allowed to set for any length of time between operations, rusting can occur. This is particularly true in humid weather and in machine shops where water-based coolants are used in machining operations. RG-55 eliminates this problem by displacing any moisture left on parts and leaves a corrosion and rust preventative film.

RG-65 - is a rust preventative oil which is identical to RG-55 except that it is manufactured with an odorless solvent. RG-65 was formulated especially for customers who work in a confined or closed area where some strong product odors may be offensive.

RG-75 - this oil is applied in the same manner as RG-55. The only difference is it has a longer salt spray and humidity cabinet test result. RG-75 is used when longer term corrosion resistance protection is required.

RG-85 - (In laboratory testing for future release.)

RG-95 - is a long term thick film rust preventative. It can be applied by airless spray equipment. It should be used on all seasonal equipment like snow removal and lawn mowing equipment. Prepare machinery by first high pressure washing all sand, salt or grass clippings from machinery to be protected with RG-95. This product is ideal for snow plow blades, under carriages, sanding equipment (inside of sanding boxes), sand throwing wheels, snow blowers (the worm blade) and the internal shoots that are all subject to rust while in storage all summer or winter. Mowing equipment which sits idle all winter is protected in the same manner. When equipment is pulled out of storage, it is not necessary to remove RG-95 before using.

ALL WHEELZ & HOBBYIST LUBE - This product is an excellent penetrating oil, freeing heavily rusted and corroded parts easily. Lubricates and increases performance while stopping rust formation. Should be applied to reduce friction where two metal surfaces come in contact with each other. Perfect for use on skateboards, train sets, slot cars, scooters, in-line skates, bicycles chains or any item with wheels.

DU-LITES NEW MATIC AIR TOOL LUBRICANT - Reduces part breakage by 80%, lubricates all internal parts and removes moisture, increases performance and horsepower, protects up to 18 months with only one application. New Matic Oil should be poured into the reservoir located on the automatic air line oiler and allowed to feed into the air line which will provide proper lubrication for your air operated equipment. During regular maintenance and before storage, disconnect air line just before the air tool and pour one ounce of oil into the air tool. Reconnect air line and run tool until oil is noticed in exhaust, to protect equipment from corrosion and seizing.

KWIKSEAL - is mainly used by the firearm industry as a final protective coating used to seal and protect black oxide and phosphate work. KWIKSEAL is applied after the final cold water rinse. It is not necessary that your parts be completely dry before treating with KWIKSEAL, but, excess moisture should be shaken off before immersion.

Because KWIKSEAL is a water displacing oil, any excess water entering the oil tank will settle to the bottom. This excess water can be drained off the next day by a small petcock valve located at the bottom of the tank. After parts have been treated with KWIKSEAL, the solvent in the oil evaporates, leaving a slightly oily film and waxing agent behind. Protection lasts up to 12 months.

KWIKSEAL-A is basically the same as KWIKSEAL but contains more solvents. When allowed to dry, Kwikseal-A will leave a thinner film than KWIKSEAL.

KWIKSEAL - B - is the same as Kwikseal A, but leaves a thinner film of protection when a less oily appearance is required.

KWIKSEAL-D has been developed to leave a dry-to-touch finish which is desirable on casting and forged steel parts to prevent rusting. KWIKSEAL-D is an ideal rust preventative for blister packaged parts. Its dry-to-touch film will not stain the backing cards used in the packaging.

BATH MAINTENANCE: Maintenance of the protective bath is a simple matter of making periodic additions of fresh oil to the bath to replace material lost through "drag out" and periodic removal of displaced water from the bottom of the oil tank. The best time to remove this water is the next morning after water has a chance to settle out completely. The oil bath will also require replacement due to the accumulation of caustic material from the black oxide bath being released into the solution from parts being processed. An indication of this situation is a slight burning sensation on your hands or cuticles when handling processed parts.

MILITARY SPECIFICATION: RG-55, RG-65 and KWIKSEAL meet MIL-C-16173D, Class 3 and Aeronautical Specification AMS-3065 for rust prevention.

FLASH POINTS: RG-55, RG-65, KWIKSEAL, KWIKSEAL-A and KWIKSEAL-D all have a flash point of 112F. T.C.C.

CAUTION: Harmful or fatal if swallowed. Contains petroleum distillates. Use with adequate ventilation. Avoid prolonged or repeated contact with skin. If swallowed, do not induce vomiting. Call a physician immediately. Du-Lite's water displacing oils are combustible petroleum products and should never be heated or used near an open flame.

THE PRODUCTS MENTIONED IN THESE INSTRUCTIONS ARE FOR INDUSTRIAL USE ONLY

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