



DuPont™ Krytox® ACW Anti-rust Coating for Bearings

Extreme conditions. Extreme performance.

New, unlubricated components and bearings are typically coated with hydrocarbon-based rust preventive oils to prevent corrosion during storage. Prior to lubricating components and bearings with DuPont™ Krytox® oils and greases, it is important to remove these preservatives, because standard rust preventive materials will lower adhesion and reduce the effectiveness of Krytox® oils and greases.

Removing this rust preventive oil could leave a bearing unprotected from rust during storage, which might then affect its performance or ease of installation. To solve this problem, DuPont has developed Krytox® ACW.

DuPont™ Krytox® ACW is a wet coating formulated with a patented anti-rust additive to protect the surface of bearings from rust during storage. Krytox® ACW is compatible with Krytox® oils and greases and will leave a thin layer of perfluoropolyether (PFPE) oil and the additive on the surface to prevent corrosion.

Application

The bearings should first be cleaned using a solvent or cleaner that is appropriate for removing the preservatives. The bearings must be completely dry before using Krytox® ACW. Chlorinated solvents should not be used.

The coating can be applied by brushing, dipping or spraying. The bearings or parts should be drained and dried, laid on their sides so that any excess oil or preservative can drain out. If bearings are allowed to sit upright, excess liquid can become trapped in the race and could thin the grease, making it slightly softer.

DuPont™ Krytox® ACW can be diluted with Vertrel® XF or Krytox® solvent or other fluorinated solvents if desired for easier spraying. The dilution ratio will depend on the equipment being used.

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**DuPont Performance Lubricants
Extreme Conditions. Extreme Performance.**

For more information or for technical assistance, please call us at 1-800-424-7502 or contact us at krytox@usa.dupont.com.

For international sales and support contacts, visit us at www.lubricants.dupont.com



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