

RG-2401[®] DATA SHEET & INSTALLATION



RG-2401[®] is an supply side oil industry specific gel utilizing mineralization technology, the gel replaces the corrosion process with a mineral formation onto and into the metal surface which creating a mineral barrier 50-200 angstroms thick.

RG-2401 is a special custom modification of **RG-2400[®] LT** specifically designed for oil well casing corrosion problems where moisture and salt residue are present in the annular space. **RG-2401** is a *non-drying* compound which is pumped into the base of the annular space in oil well cavities, filling the entire cavity, to displace and buffer moisture while mineralizing the metal surfaces.

RG-2401 helps prevent corrosion from occurring, and helps stop existing corrosion from advancing on existing casings, it requires minimal preparation; hot water flushing of the annular space with sufficient water to remove debris, contaminants, and raise the casing temperature. The gel is pumped in to fill the well, it's molecular weight and hydrophobic properties displace any moisture present migrating it to the surface.

Application is made using common transfer pumping equipment (*see photo below left*).

Technical Information

TEMPERATURE:	Up to 250°F sustained
APPEARANCE:	Creamy, tacky, gel feel
PROPERTIES:	Specific Gravity - Gravimetric: 1.05 - 1.15
APPLICATION:	Pump Installed
SAFETY:	Review SDS prior to use
SHELF LIFE:	In container; greater than 2 years
AVAILABILITY:	55 gallon containers





ASTM B-117 Salt fog testing was done to demonstrate **RG-2401's** corrosion stopping ability. The gel was applied to a blasted steel panel and subjected to 2000 hours in the salt fog test. When removed from the test (*left photo*) corrosion rates were aggressive. After cleaning the panel (*right photo*) the metal was as "shiny new" as before testing. Note the defined edges - **NO UNDERCUTTING**.

Clean-up and Disposal

- Recommended clean-up is with commercially available citrus cleaner followed by soap and water.
- Review the SDS and check with your local, state and federal officials for proper disposal.