



# Technical Data Sheet

## BWL-800 Series

### Biodegradable Wireline Grease Seal

#### Description:

Lubchem BWL-800 is a biodegradable series of synthetic grease seal products, developed to protect wireline exposed to environments where conventional wireline sealants fail. Our BWL- 800 Series is designed for use in deep, high temperature, corrosive oil & gas wells, up to 475°F, in the presence of H<sub>2</sub>S and CO<sub>2</sub>. BWL-800 Series maintain viscosity at elevated operating temperatures. A downhole corrosion inhibitor and EP additive package are incorporated and provide unequalled protection. BWL-800 Series is inhibited for high concentrations of acid gasses. It is resistant to water, hydrocarbons, 100% CO<sub>2</sub>, H<sub>2</sub>S and will protect wireline from corrosion at high temperature and pressures of 20,000 psi. Refer to current viscosity curves for detailed product selection data.

The Lubchem BWL-800 Series is biodegradable. It is considered non-hazardous by EPA and DOT. The products are offered in viscosity grades of 10, 12,16, 20 & 24 to meet a wide range of operating temperature and handling requirements. Each viscosity grade contains an additive package which includes an EP (extreme pressure) additive and a downhole corrosion inhibitor.

#### Features:

- Completely biodegradable
- Non-hazardous
- Protects against H<sub>2</sub>S up to 500,000 ppm
- Protects against CO<sub>2</sub> in water to 50%
- Fully additive treated
- Provides excellent seal retention
- Reduces friction
- Reduces drip and splatter
- Enhanced corrosion inhibitor

BWL-800 Series Temperature Guide

| Degrees F | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
|-----------|---|----|----|----|----|----|----|----|----|----|-----|
| BWL-8016  |   |    |    |    |    |    |    |    |    |    |     |
| BWL-8020  |   |    |    |    |    |    |    |    |    |    |     |
| BWL-8030  |   |    |    |    |    |    |    |    |    |    |     |
| BWL-8040  |   |    |    |    |    |    |    |    |    |    |     |
| BWL-8050  |   |    |    |    |    |    |    |    |    |    |     |
| BWL-8075  |   |    |    |    |    |    |    |    |    |    |     |
| BWL-816   |   |    |    |    |    |    |    |    |    |    |     |
| BWL-820   |   |    |    |    |    |    |    |    |    |    |     |
| BWL-824   |   |    |    |    |    |    |    |    |    |    |     |

#### Physical Properties:

- Color ..... Brown
- Temperature Range (Max) ..... 475°F
- Base Oil ..... Synthetic
- Solubility (Water) ..... Insoluble
- Corrosive Inhibitor ..... Imidazoline Derivative

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