



**Product Data**

## **Alpha LCG 150 BX**

Industrial EP Gear Oils

### **Description**

Alpha LCG 150 BX is a zinc and chlorine free ashless extreme pressure oil formulated for industrial gear lubrication where enhanced yellow metal corrosion inhibition is a prime requirement.

### **Application**

It is designed specifically for use in metal can body making machines where cross contamination with water miscible forming fluids can arise.

### **Advantages**

- Advanced sulphur/phosphorus technology
- High level of anti-wear and extreme pressure protection
- Improved thermal stability
- Excellent rust protection
- Higher oxidation resistance
- Inhibited against phosphor/bronze corrosion
- Improved component life protection

## Typical Characteristics

| Name                                    | Method                 | Units                                   | Alpha LCG 150 BX |
|-----------------------------------------|------------------------|-----------------------------------------|------------------|
| ISO viscosity grade                     | -                      | -                                       | 150              |
| Density @ 20°C / 68°F                   | ISO 12185 / ASTM D4052 | kg/m <sup>3</sup>                       | 890              |
| Kinematic Viscosity @ 40°C / 104°F      | ISO 3104 / ASTM D445   | mm <sup>2</sup> /s                      | 150              |
| Kinematic Viscosity @ 100°C / 212°F     | ISO 3104 / ASTM D445   | mm <sup>2</sup> /s                      | 14.5             |
| Viscosity Index                         | ISO 2909 / ASTM D2270  | -                                       | 95               |
| Flash Point - closed cup method         | ISO 2719 / ASTM D93    | °C/°F                                   | 190/374          |
| Pour Point                              | ISO 3016 / ASTM D97    | °C/°F                                   | -18/0            |
| Foam Sequence I - tendency / stability  | ISO 6247 / ASTM D892   | ml/ml                                   | 20/0             |
| Rust test - synthetic seawater (24 hrs) | ISO 7120 / ASTM D665B  | Rating                                  | Pass             |
| Copper corrosion (3 hrs@100°C/212°F)    | ISO 2160 / ASTM D130   | Rating                                  | 1                |
| Elastomer Compatibility - with SRE-NBR1 | ISO 6072 / ASTM D3604  | % volume change / shore hardness rating | 0.5 / -2         |
| FZG Gear Scuffing test - A/8.3/90       | ISO 14635-1            | Failure Load Stage                      | >12              |

Subject to usual manufacturing tolerances.

Alpha LCG 150 BX

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