



Cresta ZFX Range

Paper Industry Mineral Circulating oil

Description

Cresta™ ZFX are zinc-free mineral oil based circulating oils with excellent oxidation stability.

Application

The Cresta ZFX Range are high quality mineral circulating oils for the lubrication of roll bearings in paper making machinery. These products are based on a highly refined mineral oil, giving long life due to excellent oxidation stability. The zinc-free additive system provides good anti-wear properties without the potential for zinc-based sludge formation which can help in extending filter life, providing cost and time savings associated with filter changes. In addition, the absence of zinc additives reduces the environmental impact of Cresta ZFX on disposal.

Advantages

- Excellent oxidation stability extends oil life and minimises deposit formation.
- The zinc free formulation can help reduce sludge formation and increase filter life.
- Deposits are maintained in suspension, reducing wear and extending bearing life.
- Good demulsification helps to keep water out of the circulation system and protect bearings and against corrosion.

Typical Characteristics

| Name | Method | Units | Cresta ZFX 150 | Cresta ZFX 220 |
|--|------------------------|--------------------|----------------|----------------|
| Appearance | Visual | - | Clear & Bright | Clear & Bright |
| Density @ 15°C / 59°F | ISO 12185 / ASTM D4052 | kg/m ³ | 890 | 890 |
| Kinematic Viscosity @ 40°C / 104°F | ISO 3104 / ASTM D445 | mm ² /s | 150 | 220 |
| Kinematic Viscosity @ 100°C / 212°F | ISO 3104 / ASTM D445 | mm ² /s | 14.5 | 18.9 |
| Viscosity Index | ISO 2909 / ASTM D2270 | - | 97 | 97 |
| Foam Sequence I - tendency / stability | ISO 6247 / ASTM D892 | ml/ml | 30/0 | 30/0 |
| Water Separation @ 82°C / 180°F (40/37/3) | ISO 6614 / ASTM D1401 | min | 15 | 15 |
| Flash Point - closed cup method | ISO 2719 / ASTM D93 | °C/°F | 226 / 439 | 230 / 446 |
| Pour Point | ISO 3016 / ASTM D97 | °C/°F | -15 / 5 | -12 / 10 |
| Four Ball Wear test - Wear Scar Diameter (40 kgf / 75°C / 1200 rpm / 1 hr) | ASTM D2266 | mm | 0.45 | 0.45 |
| FZG Gear Scuffing test - A/8.3/90 | ISO 14635-1 | Failure Load Stage | 12 | 12 |

Subject to usual manufacturing tolerances.

Cresta ZFX Range

08 Oct 2012

Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

Castrol Industrial, Technology Centre , Whitchurch Hill , Pangbourne , Reading , RG8 7QR , United Kingdom

www.castrol.com/industrial