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BHARAT GEAR GL4 & GL5

The Bharat Gear Extreme Pressure oil offered aims to fulfill the ever-evolving demands of clients, indicating a commitment to adaptability and customer satisfaction.

Application:

Bharat Gear Extreme Pressure is ideal for conventional spiral bevel final drives and mild hypoid axles requiring API GL-4 & GL5 oils. It can also lubricate spur and helical gears where API GL-4 & GL5 is specified.



Performance Benefits:

- Good thermal stability protects against deposit formation and oil thickening, ensuring prolonged lubricant and transmission lifespan and performance.
- Excellent anti wear and load-carrying characteristics extend the life of components, promoting durability and reliability.
- Enhanced low-temperature protection facilitates smoother gear shifts compared to monograde products, improving overall performance in diverse operating conditions.

Typical Data Specifications:

| SR. NO. | CHARACTERISTICS | TEST | UNIT | RANGE | RANGE |
|---------|---------------------------------|------------|--------------------|-------|--------|
| 1 | SAE Rating | - | - | EP 90 | EP 140 |
| 2 | Performance Level | - | - | GL4 | GL5 |
| 3 | Appearance | VISUAL | - | C & B | C & B |
| 4 | Kinematic Viscosity @ 40°C cSt | ASTM D445 | mm ² /s | 187 | 418 |
| 5 | Kinematic Viscosity @ 100°C cSt | ASTM D445 | mm ² /s | 16.9 | 28.6 |
| 6 | Viscosity Index min. | ASTM D2270 | none | 96 | 96 |
| 7 | Flash Point COC °C | ASTM D92 | °C | 282°C | 254°C |
| 8 | Pour Point °C max. | ASTM D97 | °C | -6°C | -6°C |

***The specifications are subject to variations/development/customization.**

The information in this publication is based on our experience and reports from customers. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.

Available Packing Sizes: 500 ml, 1 ltr, 5ltrs, 10 ltrs, 26 ltr, 50 ltr, 55 ltrs, 210 ltrs.

Health & Safety: based on available information, this product is not expected to produce any adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the internet. This product should not be used for purposes other than its intended use, if disposing of used product, take care to protect the environment.

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