



# HD Gold Concentrate

## Technical Data Sheet

### Description

**Road King HD Gold Concentrate** is a heavy duty, pre-charged Antifreeze/Coolant engineered with Nitrite Molybdate Organic Acid Technology (NMOAT). **Road King HD Gold Concentrate**, provides exceptional total system cooling protection for 600,000 miles in on-road and 12,000 hours in off-road use. **Road King HD Gold Concentrate** offers outstanding protection in all cooling system components with multi-metal corrosion inhibitors, and has anti-scaling and lubricating properties. **Road King HD Gold Concentrate** is recommended for use in the cooling systems of all types of heavy-duty diesel and gasoline engines.

### Specifications

- ASTM D-3306
- ASTM D-4985
- ASTM D-6210
- ASTM D-5345
- ASTM D-D4656
- TMC RP 329, RP 338
- CATERPILLER EC-1
- CUMMINS A-ED No 90.47
- CES 14603
- DDC SVC-BRO-0002
- FREIGHTLINER 48-25961
- GM 1825M, 1899 HT
- INTERNATIONAL (NOAT)
- JL CASE
- JOHN DEERE H24A-1,H24C-1
- KOMATSU
- MACK 014-GS 17009
- NAVISTAR CEMS B1, TIII
- NEW HOLLAND
- PACCAR (KW, PETERBILT)
- SAE J1034
- VOLVO
- WAUKESHA

### Freeze/Boil Protection

| Antifreeze | Freeze Protection | Boiling Point |
|------------|-------------------|---------------|
| 100 %      | - 84 °F           | +276 °F       |

### Properties

### Typical Specifications

### ASTM Test Method

| Properties                | Typical Specifications       | ASTM Test Method |
|---------------------------|------------------------------|------------------|
| Specific Gravity          | 1.120                        | D-1122           |
| Freezing Point, 50%V/V    | -34°F/-36°C                  | D-1177           |
| Boiling Point, 50% V/V    | 226°F/107°C                  | D-1120           |
| pH, 50% V/V               | 8.5 – 9.5                    | D-1287           |
| Color                     | Gold                         | -                |
| Silicate                  | < 100 ppm                    | -                |
| Water mass %              | < 5                          | D-1123           |
| Cavitation-erosion rating | > 8                          | D-2809           |
| Corrosion of Aluminum     | < 0.1 mg/cm <sup>2</sup> /wk | D-4340           |



**1-800-889-2110**

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