

# TOPPER®

HIGH-QUALITY LUBRICANTS



## 15W40 CI-4/SN HEAVY DUTY DIESEL ENGINE OIL BEST PERFORMANCE FORMULA

The new **Topper Best Performance 15W-40 CI-4 PLUS/SN** formula for Heavy Duty and gasoline Fleets, is specifically engineered to meet manufacturers' requirements and to control diesel high sulfur contents. The **Topper Best Performance 15W-40 CI-4 PLUS/SN** has a high TBN which provides protection against oxidation and corrosion. It delivers superior long lasting protection for both turbo-charged and naturally aspirated diesel and gasoline engines, including those engines that have exhaust gas re-circulation (EGR) systems.

**Topper Best Performance 15W-40 CI-4 PLUS/SN** meets or exceeds the CH-4, CG-4, CF-4, CF-2, CF and SNAPI Service Classifications and it is recommended for use wherever CES 20078, DD 93K215, VOLVO VDS-3, MACK EO-N Premium Plus 3 and MIL L 46152-E are recommended; wherever Allison C-3 and C-4 fluids and Caterpillar TO-2 are recommended or required.

### TECHNICAL SPECIFICATIONS

| SAE GRADE                                 | 15W-40      |
|---|-------------|
| Product Number                            | TO1540CI    |
| Gravity, ASTM D 4052, 'API                | 27.8        |
| Pounds Per Gallon                         | 7.5         |
| Flash Point, ASTM D92 (COC), 'F('C)       | 450         |
| Viscosity, ASTM D 445, cSt at 100'C       | 15.8        |
| ASTM D 445, cSt at 40'C                   | 120.8       |
| Viscosity Index, ASTM D 2270              | 139         |
| HTHS Rate Vis at 150'C & 106 sec -1, cP   | 4.4         |
| CCS Vis, ASTM D 5293, cP at 'C            | 6600at-20c  |
| MRV Vis, ASTM D 4684, CP at 'C            | 20900at-25c |
| MRV Yield Stress, ASTM D 4684, Pa at 'C   | <35at-25c   |
| Pour Point, ASTM D97, 'F('C)              | -27         |
| Sulfated Ash, ASTM D 874, % Max           | 1.5         |
| TBN (total base no., ASTM D2896           | 13          |
| NOACK Volatility, ASTM D 5800, % Loss     | 13          |
| Color, ASTM D 1500 (may vary by location) | 2.0         |

### BENEFITS:

- Performs well in low emission diesel engines which increase the demands on engine lubricants.
- Reduces soot built-up.
- Thermally stable and provides oxidation control.
- Contains properties which provide anti-wear and anti-scuff.
- The TBN reserves provide improved acid neutralization and corrosion protection.
- Maximizes oil flow to the critical bearing surfaces during start up.
- Has stay-in-grade sheer stability.
- Extended drain capabilities- excellent water tolerance.
- Meets the manufacturer's warranty requirements of CI-4 and SL.
- Meets Cummins CES 20078, Dd93k215, Volvo VDS-3, Mack EO-N Premium Plus 3 and others.

### APPLICATIONS:

- On the highway applications for light and heavy duty trucking.
- Off the highway applications such as trucking, construction, agriculture and quarrying.
- Gasoline and diesel mixed fleet applications.



**PACKING: 12 quarts box,  
3 gallon box, 5 gallon  
pail and 55 gallon drum.**

MADE IN U.S.A.



\*PLEASE NOTE: ALWAYS CONSULT YOUR OWNER'S MANUAL FOR YOUR PROPER FLUID EQUIPMENT.

[www.mandjsunshine.com/topper](http://www.mandjsunshine.com/topper)

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