



Hicks Oils  
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# FORMULA 500

## CI-4 Plus / SL 15W-40 11 TBN

**Formula 500®** 15W-40 CI4+/SL motor oil is blended using premium quality Group II base stocks. These premium base stocks provide additional thermal stability and low temperature pumpability above the typical properties found in products blended in Group I base stocks. This blending produces a premium quality product that is licensed by the API as a CI-4 Plus / SL motor oil. Formula 500 ® CI-4+/SL motor oil also meets the requirements of Mack EO-N Premium Plus 03, and Cat ECF-1.

Formula 500® CI-4/SL 15W-40 has increased detergency to fight soot thickening and carbon deposits; both problems that are common in the newest models of diesel engines. The increased level of detergent gives this product a sulfated ash content of 1.5% which is the maximum allowed for the Cat ECF-1 specification. With the addition of increased oxidation inhibitors this higher detergent level yields an oil with an extended drain interval in excess of 30,000 miles.

Always follow manufacturer's recommendations for API quality and drain intervals.

### Typical Properties:

Product:	CI-4 Plus/SL 15W-40 motor oil
SAE Viscosity Grade	15W-40
API Classification	CI-4+/SL
Product Code	10002
Kinematic Viscosity @ 100 °C cSt (ASTM D-445)	15.2
Kinematic Viscosity @ 40 °C cSt (ASTM D-445)	116.3
Viscosity Index (ASTM D-2270)	136
Total Base Number (ASTM D-2896)	11.47
API Gravity (ASTM D-1298)	29.1
Sulfated Ash	1.47