



HICKS oils
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CI-4/SL Multi-grade Diesel Motor Oils

Nature's Choice® CI-4/SL Multi-grade Diesel Motor Oils are for use in diesel engines under service conditions from mild to heavy duty with fuel of any sulfur level. These oils are recommended for use in nearly all two- and four-cycle diesel applications. The current formulations meet API CI-4/SL specifications and are also recommended for use in older API service classifications, Mack specifications EO-M Plus and Cummins CES 20078.

Nature's Choice® CI-4/SL Multi-grade Diesel Motor Oils also meet the performance requirements of Allison C-4 and Caterpillar TO-2 as well as meeting the CATERPILLAR® ECF-1 specification.

The Nature's Choice® product line was developed in response to President Clinton's Executive Order 13101 which mandated the use of motor oils with re-refined content for government use. Since that time the Nature's Choice® product line has grown from motor oils to include many other types of lubrication. Blending virgin and re-refined base stocks with quality additive chemistry, Nature's Choice® brand products are able to meet the top performance grades required for today's lubrication requirements, while being more environmentally friendly.

These oils should not be used in CATERPILLAR® TO-4 applications, two-cycle gasoline engines, aircraft engines, or EMD Diesel engines.

Typical Properties:

Product: Nature's Choice® CI-4/SL Multi-grade Diesel Motor Oils			
API Classification	CI-4/SL	CI-4/SL	CI-4/SL
SAE Viscosity Grade	15W-40	15W-40	15W-40
Product Code	141119	142119	143119
TBN (ASTM D-2896)	9.4	10	12
Kinematic Viscosity @ 100°C, cSt (ASTM D-445)	14.3	13.8	14.0
Kinematic Viscosity @ 40°C, cSt (ASTM D-445)	102.9	103.9	105.0
Viscosity Index (ASTM D-2270)	141	135	140
API Gravity (ASTM D-1298)	29.0	29.1	29.0
Pour Point °C (°F) (ASTM D-97)	-18(0)	-18(0)	-18(0)
Flash Point °C (°F) (ASTM D-92)	222(431)	222(431)	222(431)