



Spectrol™

Technical Data Sheet

www.spectrolusa.com

PRODUCT

SPECTROL HDD 15W-40 CK-4/SN Synthetic Blend

FEATURES/BENEFITS

- Formulated for improved TBN retention, lower oil consumption, greater wear protection, oxidation stability, excellent shear stability, and reduced high temperature deposits.
- Meets the latest API and OEM engine oil recommendations.
- Increased sheer stability.
- Exceptional oil consumption control.

APPLICATIONS

SPECTROL HDD 15W-40 CK-4/SN Synthetic Blend is premium high-performance diesel engine oil utilizing the latest in engine oil additive technology to offer the ultimate protection of your engine. Designed to meet or exceed the latest OEM and API CK-4 requirements, it is also backwards compatible to previous OEM and API specifications such as CJ-4, CI-4, CI-4+, and CH-4. Spectrol CK-4/SN 15W-40 carries the API SN classification for use in gasoline engines and is an excellent choice for operators with mixed fleets. This oil is specially designed to protect EGR/Low-Emission Diesel Engines while maximizing the durability of Diesel Particulate Filters (DPF's). It is formulated for extended service/extended drain when operated under typical operating conditions.

Always consult your vehicle's owner's manual when selecting the appropriate viscosity and service grade.

SPECIFICATIONS/APPROVALS

- Please refer to the application chart on page 2.

TYPICAL PHYSICAL PROPERTIES

15W-40 CK-4/SN	Typical Results
Density @ 15.6°C	7.30 lbs/gal
Specific gravity @ 15.6°C	0.876
Viscosity @ 100°C	15.8 cSt
Viscosity @ 40°C	118 cSt
Viscosity Index	142
Flash Point (PMCC), °C	220
Pour Point (D97), °C	-30
CCS Viscosity @ -20 °C	6300 cP
TBN, mgKOH/g	10.0

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ADDITIONAL INFORMATION

Please use proper handling and care that you would use with any motor oil.

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SPECTROL HDD 15W-40 CK-4/SN Syn. Blend Recommended Applications

SPECIFICATIONS	15W-40 CK-4/SN
ACEA:	
E9, E7	√
Allison	
TES 439	√
API:	
CK-4, CJ-4, CI-4 PLUS, CI-SN, SM, SL, SJ	√
Caterpillar	
ECF-3, ECF-2	√
Cummins:	
CES 20086, CES 20081	√
Daimler (MB)	
MB 228.31	√
Detroit Diesel	
DFS 93K222, 93K218	√
Deutz	
DQC III-10 LA	√
Ford	
WSS M2C171-F1	√
Global	
DHD-1	√
JASO	
DH-2, DH-1	√
Mack	
EOS-4.5, EO-O Premium	√
MAN	
M 3575	√
Mil-PRF	
2104 Rev. H	√
MTU	
2.1	√
Navistar	
TSI-99-12	√
Renault	
RLD-4, RLD-3	√
Volvo	
VDS-4.5, VDS-4, VDS 3	√

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