



PRODUCT DATA SHEET

DAVID WEBER OIL CO.

601 Industrial Road · Carlstadt, NJ 07072 | 201.438.7333 phone | 201.438.3178 fax
www.weberoil.com

Gibraltar Ultra LX SAE 15W-40

Synthetic Blend Heavy-Duty Engine Oil

Gibraltar Ultra LX SAE 15W-40 is a synthetic blend, heavy-duty engine oil formulated to meet or exceed the latest API diesel engine oil specification as well as the warranty requirements of most major OEMs. Designed for the latest generation of reduced emissions diesel engines in high output service, **Gibraltar Ultra LX SAE 15W-40 CK-4** provides more robust engine protection, increased oxidation resistance and better shear stability over previous API service categories.

Gibraltar Ultra LX SAE 15W-40 is approved against the specifications and performance requirements issued by manufacturers such as Caterpillar, Cummins, Detroit Diesel, Ford, Mack, Navistar, and Volvo. It can be used with complete success in over-the-road diesel trucks, off-highway diesel equipment, farm tractors, passenger cars and light trucks with diesel engines, with turbo-charged and non-turbo-charged engines specifying an SAE 15W-40 viscosity grade lubricant.

Gibraltar Ultra LX provides the following benefits:

- Increased Valve Train and Bearing Protection
- Synthetic Base Oil for Improved Cold-Start Protection
- Better Thermal Stability, Pumpability, and Fluidity
- Fully compatible with DPF and Diesel Oxidation Catalysts
- Superior Soot and Oxidation Control
- Robust Detergency (TBN) Level



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SPECIFICATIONS, APPROVALS & RECOMMENDATIONS

API: CK-4, CJ-4, CI-4, CI-4 Plus, CH-4/SN
ACEA: E9-16, E9-08 & E7-04
Caterpillar: ECF-3, ECT-2, ECF-1a
Cummins: CES 20086, 20081, 20077
Detroit Diesel: DFS 93K222, 93K218, 93K214
Deutz: DQC III-10 LA
JASO: DH-2
WSS-M2C171-F1

Mack: EOS-4.5, EO-O Premium Plus, EO-N
Premium Plus
MAN: 3575
Mercedes-Benz: 228.31
MTU: MTL 5044 Type 2.1
Renault: VI RLD-3
Volvo: VDS-4.5, VDS-4, VDS-3

TYPICAL PROPERTIES

SAE GRADE	15W-40
Sulfated Ash, % Weight	1.0
Viscosity, cSt @ 100°C	14.5
TBN, ASTM D2896	10.0
Calcium, % Weight	0.103
Magnesium, % Weight	0.104
Zinc, % Weight	0.125
Phosphorus, % Weight	0.113
Molybdenum	0.006
High Temp/High Shear, cP @ 150°C	4.1
Pour Point, °C	-38
Flash Point, °C	226