

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 SAE 15W-40 Super S-3 LX

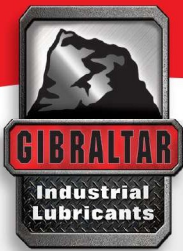
Premium Synthetic Blend Engine Oil for Maximum Protection

Gibraltar SAE 15W-40 Super S-3 LX is a super-premium, synthetic blend, API CK-4, heavy-duty diesel engine oil formulated for the most severe service and extended drain applications. It is approved for the following OEM specifications: Caterpillar ECF-3, Cummins 20086, Detroit Diesel DFS 93K222 and Mack EOS-4.5/Renault RDL-3/Volvo VDS-4.5. Built to exceed API and OEM requirements, **Gibraltar SAE 15W-40 Super S-3 LX** contains unique “soot-busting” technology and is up to 5X more shear stable than other diesel engine oils.

Gibraltar SAE 15W-40 Super S-3 LX incorporates synthetic base stocks and includes enhanced protection against viscosity loss due to shear-down. It has been specifically formulated for rigorous duty. Purpose-built for construction and off-road, short-haul, municipality and inner-city fleets, **Gibraltar SAE 15W-40 Super S-3 LX** provides maximum engine protection and durability. Its superior low-ash formula is especially effective at protecting against piston deposits, soot and oxidation related viscosity increase, emission catalyst poisoning and DPF clogging, and long-term engine wear.

Gibraltar Super S-3 LX provides the following benefits:

- Outstanding Shear Stability for “stay-in-grade” performance
- Increased Valve Train and Bearing Protection
- Excellent Soot and Oxidation Control
- Reduced Oil Consumption
- Fully compatible with DPF and After Exhaust Treatment Systems
- Robust Detergency (TBN) Level
- Backwards compatible to API CJ-4, CI-4, CI-4 Plus/CH-4



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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, ECF-2, ECF-1a
Cummins: CES 20086, 20081, 20077
Detroit Diesel: DFS 93K222, 93K218, 93K214
Deutz: DQC III-10 LA
JASO: DH-2
Ford 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	15.5
TBN, ASTM D2896	10.1
Calcium, % Weight	0.105
Magnesium, % Weight	0.101
Zinc, % Weight	0.127
Phosphorus, % Weight	0.115
Molybdenum	0.005
Sulfated Ash, % Weight	1.0
Viscosity, cSt @ 100°C	15.5
TBN, ASTM D2896	10.1