

Reliant X-92



Product Description

D-A **Reliant X-92** is the lubricant solution for today's multi-fueled fleet(s) containing diesel, gasoline and processed natural gas (CNG/LPG/LNG) fueled engines. It is designed for use in severe on- and off-highway applications and provides premier oxidative and thermal stability, durability, outstanding TBN retention, superior wear protection and greatly exceeds industry standards for deposit control. **Reliant X-92** will afford 'all-season' performance and hardware protection.

D-A **Reliant X-92** is formulated with thermally stable, high VI base oils to improve oxidation thermal stability and offer exceptional cold temperature performance. These base oils are combined with an advanced additive system to retain alkalinity (TBN), control deposit formation, promote engine cleanliness, offer exceptional wear protection and protect sensitive emissions system (catalyst safe). Under proper maintenance, D-A **Reliant X-92** will bolster engine component longevity and overall long service life.

Product Features and Benefits

D-A **Reliant X-92** is approved for the latest Cummins Engineering Standard (CES 20092), providing significantly improved oxidation, thermal stability and durability. CES 20092 is backwards compatible to Cummins CES 20085 natural gas engine oil specification. Additionally, those currently utilizing CES 20074 natural gas engine oil specification in legacy lean burn engines can convert to CES 20092.

Formulated with thermally stable, high VI base oils in combination with state-of-the-art additive technology delivering exceptional resistance to oxidation, nitration and viscosity increase for longer oil life.

Ideally suited for compressed natural gas (CNG), liquified natural gas (LNG) and liquified petroleum gas (LPG) fueled engines utilized for urban / municipality service, including public transportation (buses, taxi cabs), garbage/waste haulers, heavy duty service and light duty applications.

Lower oil volatility and viscosity loss at elevated temperatures promotes reduced oil consumption rates, cleaner combustion chambers, longer spark plug life and longer cylinder head servicing intervals.

Eliminates the need to carry multiple lubricants for those with mixed fleets possessing passenger car, diesel and processed natural gas fueled vehicles.

Typical Applications

D-A **Reliant X-92** is designed and tailored specifically to meet the lubrication demands of the modern fleet. **Reliant X-92** affords outstanding performance and protection in diesel, gasoline or processed natural gas (CNG, LNG, LPG) fueled engines. D-A **Reliant X-92** was uniquely formulated with today's innovative transportation industry in mind and is the answer for those seeking consolidation of mixed fleet engine lubricants.

Approvals and Specifications

Reliant X-92 15W-40

API Approvals

API CK-4 / SN (Backwards Compatible)

OEM Approvals

Caterpillar ECF-3

Cummins CES 20092

Volvo VDS-4.5

Mack EOS-4.5

Renault VI RLD-4

Meets the Performance Requirements of:

Cummins CES 20086

Detroit Diesel DFS 93K222

D-A **Reliant X-92** meets Non-Selective Catalytic Reduction (NSCR) catalyst compatibility requirements.

Typical Properties

SAE Viscosity Grade	Test Method	15W-40
Viscosity @ 100°C, cSt	ASTM D445	15.8
@ 40°C, cSt	ASTM D445	116
Viscosity Index	ASTM D2270	144
Pour Point, °F (°C)	ASTM D97	-28 (-33.3)
Flash Point, °F (°C)	ASTM D92	365 (185)
Sulfated Ash, Weight %	ASTM D874	<0.9
Total Base Number	ASTM D2896	10.2
CCS @ -20°C, cP	ASTM D5293	5170

D-A Part Number:

Bulk	52301
Tote – 330 Gal	52303
Drum – 55 Gal	52302
Pail (Plastic) – 5 Gal	52308
Case – 4/1Gal	52304