



CHEVRON URSA[®] SUPER PLUS EC

SAE 15W-40

CUSTOMER BENEFITS

Chevron Ursa Super Plus EC SAE 15W-40 delivers value through:

- **One oil for all services**, both diesel and gasoline, pre- and post-2007 low emission diesel engines, minimizing the chance of misapplication.
- **Reduced inventory investment** — No need to maintain large inventory of oils to satisfy different manufacturers' requirements. Simplified inventory and dispensing systems save money.
- **Vital engine parts are kept clean** as a result of high performance detergent and dispersant additives. Provides excellent deposit and sludge control. Low sulfated ash level minimizes the oils' contribution to combustion chamber deposits, valve deposits, and stuck or broken rings.
- **Long engine life** resulting from additives that protect highly loaded parts from scuffing and wear.
- **Extended filter life** — Chevron Ursa Super Plus EC oils help extend filter life in both modern electronically controlled engines and older model engines by handling the soot that clogs filters and increases valve train wear.

FEATURES

Chevron Ursa Super Plus EC SAE 15W-40 is a quality, mixed fleet motor oil meeting the performance requirements of all four-stroke gasoline engines and all naturally aspirated, turbocharged, and supercharged legacy diesel engines manufactured before 2007 and low emission engines manufactured in and post-2007. This multipurpose engine oil is manufactured using selected high viscosity index base oils and additives that provide maximum protection against sludge, varnish, ash deposits, wear, oxidation, foam, corrosion, and rust.

It reduces deposit buildup resulting from high temperature engine operation (especially in the piston and ring area), combats varnish formation, and keeps vital engine parts clean.

It also protects against corrosion and resists oxidation at high temperatures.

Chevron Ursa Super Plus EC SAE 15W-40 oils utilize technology to provide excellent performance in low emission model engines manufactured in 2007, using normal or low sulfur diesel fuels and equipped with exhaust aftertreatment systems.

APPLICATIONS

Chevron Ursa Super Plus EC SAE 15W-40 is recommended for four-stroke naturally aspirated, turbocharged, and supercharged diesel engines.

It is ideal for mixed commercial fleets, farm machinery, construction equipment, marine, and other off-highway applications.

It may also be used in four-stroke gasoline engines.

Chevron Ursa Super Plus EC SAE 15W-40 meets all specifications for Caterpillar's ACERT™ engine technology, ECF-2 and ECF-3.

Chevron Ursa Super Plus EC SAE 15W-40 meets the Mack EO-O Premium Plus 07 specification which is based on soot dispersancy and shear performance.

Chevron Ursa Super Plus EC SAE 15W-40 meets:

- **API Service Categories**
 - CJ-4, CI-4 PLUS, CI-4, CH-4, CG-4
 - CF
 - SM, SL, SJ
- **major diesel engine manufacturers' requirements**
 - **Caterpillar** ECF-2, ECF-3
 - **Cummins** CES 20081, 20078
 - **DDC** Power Guard 93K218
 - **Mack** EO-O Premium Plus 07
 - **Volvo** VDS-4

TYPICAL TEST DATA

SAE Grade	15W-40
<i>Product Number</i>	271201
<i>MSDS Number</i>	23584
API Gravity	29.1
Viscosity, Kinematic cSt at 40°C cSt at 100°C	117 15.4
Viscosity, Cold Crank, °C/Poise	-20/64
Viscosity Index	138
Flash Point, °C(°F)	210(410)
Pour Point, °C(°F)	-32(-25)
Sulfated Ash, wt %	0.96
Base Number, ASTM D 2896	8.0
Phosphorus, wt %	0.12
Zinc, wt %	0.13

Typical test data are average values only. Minor variations which do not affect product performance are to be expected in normal manufacturing.