



Ursa[®] Super Plus EC SAE 10W-30



The Right Blend of Price and Performance

Ursa[®] Super Plus EC SAE 10W-30 is a mixed fleet motor oil recommended for naturally aspirated and turbocharged four-stroke diesel engines and four-stroke gasoline engines in which the API CJ-4 service category and SAE 10W-30 viscosity grade are recommended.

This product is an API CJ-4 heavy duty engine oil specifically formulated for 2010 compliant low emission diesel engines with Selective Catalytic Reduction (SCR), Diesel Particulate Filter (DPF) and Exhaust Gas Recirculation (EGR). It is fully compatible with previous engine models and previous API Oil Service Categories.

ADVANTAGES AND BENEFITS

- Provides improved fuel economy compared to SAE 15W-40 engine oils*
- Guards engines from sludge, varnish, ash deposits, wear, oxidation, foam, corrosion, and rust.
- Helps minimize deposit buildup resulting from high temperature engine operation (especially in the piston and ring area), combats varnish formation, and helps keep vital engine parts clean.
- Protects against corrosion and helps resist oxidation at high temperatures.



Ursa Value Ursa Performance

DELIVERS THE ULTIMATE URSA VALUE:

- **Improved fuel economy** — Provides improved fuel economy performance versus SAE 15W-40 engine oil in Class 6 and Class 8 trucks*.
- **Engine protection** — Delivers soot discrepancy and wear control. Cylinders, pistons, rings, and valve train components are well protected against wear and corrosion, providing optimum engine service life and minimal maintenance. Contributes to optimal vehicle utilization and minimal downtime.
- **Emission control system life** — Provides optimum Diesel Particulate Filter (DPF) life for minimal downtime and cleaning, thus managing your maintenance costs.
- **Managed inventory costs** — Backward compatible with all previous API Oil Service Categories and engine models. Good for service in four-stroke gasoline and naturally aspirated turbocharged and modern electronically controlled/low emission diesel engines calling for an SAE 10W-30 heavy duty motor oil. Allows users with a wide mix of engine brands to enjoy simplified inventory and dispensing systems that may contribute to saving money, space, and handling time.

Applications

Ursa® Super Plus EC SAE 10W-30 is excellent for use in new advanced engines developed in response to 2007 and 2010 emissions standards. It is formulated for excellent performance with Ultra Low Sulfur Diesel and may be used in engines burning diesel with sulfur content up to 500 parts per million (0.05% by weight).

This product is recommended for use in on-highway diesel engines that require API CJ-4 Service Category and allow the use of an SAE 10W-30 viscosity grade. It is formulated for engines operating under severe service and a wide range of climatic conditions. It can also be used in cold weather environments to facilitate engine start up performance. Always follow OEM recommendations.

URSA SUPER PLUS EC SAE 10W-30 IS RECOMMENDED FOR:

- API Service Category CJ-4
- Caterpillar ECF-3
- Cummins CES 20081
- Mack EO-O Premium Plus
- Volvo VDS-4
- DDC Power Guard Oil Specification 93K218

Typical Test Data

SAE Grade	10W-30
Product Number	271202
SDS Number	33820
Density at 15°C, kg/L	0.867
Viscosity, Kinematic cSt at 40°C cSt at 100°C	81 11.9
Viscosity, Cold Crank, °C/Poise	-25/67.3
Viscosity Index	141
Flash Point, °C (°F)	205 (401)
Pour Point, °C (°F)	-42 (-44)
Sulfated Ash, wt %	1.0
Base Number, ASTM D2896	8.5
Phosphorus, wt %	0.11
Zinc, wt %	0.12

Minor variations in product typical test data are to be expected in normal manufacturing.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

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*Fuel Economy comparison to SAE 15W-40 engine oils based on SAE J1321 track testing for Class 6 trucks and based on Volvo D12D engine testing for Class 8 trucks.