



"Give some bite to your engine!"

Cobra All Season Motor Oil

Features and Benefits

- Combats corrosion & moisture
- Outstanding resistance to viscosity breakdown
- Maximum wear protection
- Improved oxidation resistance
- Excellent low speed pre-ignition (LSPI) protection
- Enhanced oil durability & fuel economy over service life

Cobra All Season oils have been formulated to exceed the performance requirements of the latest API SP and ILSAC GF-6A specification. These specifications have superior oxidation resistance and fuel economy performance compared to the previous API SN Plus and GF-5 category.

Cobra All Season oils provides excellent protection against LSPI and the specific durability demands of the latest engine designs. The excellent wear protection properties from earlier Cobra Performance formulations have been maintained in the transition to API SP/GF6A, but have additional protection against both corrosive and abrasive wear that is more prevalent in newer engines designs.

Cobra All Season 5W-20, 5W-30 and 10W-30 grades are qualified for warranty service in new vehicles, as indicated by the ILSAC GF-6A rating and "starburst" symbol on the bottle label.



Specifications

✓ Meets Requirements • Approved

SPECIFICATION	5W-20	5W-30	10W-30
API SP	•	•	•
API SN Plus/SN*	✓	✓	✓
ILSAC GF-6A	•	•	•
ILSAC GF-5*	✓	✓	✓
Ford WSS-M2C960-A1	✓	-	-
Ford WSS-M2C961-A1	-	✓	-
Ford WSS-M2C945-B1*	✓	-	-
Ford WSS-M2C946-B1*	-	✓	-

* Backwards compatible

Typical Results

TEST METHOD	5W-20	5W-30	10W-30
DENSITY @15°C (D4052) kg/L	0.85	0.85	0.86
VISCOSITY (D445) cSt @40°C	46.2	58.0	59.0
cSt @100°C	8.2	10.0	9.7
VISCOSITY INDEX (D2270)	153	159	149
POUR POINT (D97) °C	-48	-47	-45
FLASHPOINT (D93) °C	203	204	205
COLD CRANKING VISCOSITY (D5293) cP @ °C	4208 @ -30°C	4484 @ -30°C	3666 @ -25°C
TOTAL BASE NUMBER (D2896) mgKOH/g	7.0	7.0	7.0
HTHS Viscosity (D4683) cP @ 150°C	2.64	3.05	2.95

Sizes and Order Codes

SIZE	5W-20	5W-30	10W-30
946 mL / 1 US Qt	FBB0014515	FBB0014615	FBB0014715
1000 L / 264 US Gal Tote	FBB0014560	FBB0014660	N/A
1000 L / 264 US Gal Bulk Tote	FBB0014501	FBB0014801	N/A
Bulk	BB0014501	BB0014601	N/A

Supporting data available to demonstrate appropriate performance. Check with your Sales Representative for latest product approvals. Please note, these are typical performance indicators and can change without notice. This datasheet supersedes any previous version prior to May 3, 2022.

www.irvingoil.com/en-CA/blending-packaging/cobra for more information