



# K&N Ultra Premium Full Synthetic SAE 0W-20, SAE 5W-30

## Product Description

**K&N Ultra Premium Full Synthetic** is a premium full synthetic gasoline motor oil formulated to meet or exceed the requirements of today's toughest standards. **K&N Ultra Premium Full Synthetic** is made with a blend of high-performance synthetic base oils that are enhanced with a synergistic additive system. **K&N Ultra Premium Full Synthetic** is formulated with the proper balance of detergent systems, antioxidants and dispersants to minimize harmful deposits and sludge, ensuring proper engine performance throughout the life of the oil. **K&N Ultra Premium Full Synthetic** has improved compatibility with ethanol containing fuels and offers exceptional protection for catalytic emission systems. **K&N Ultra Premium Full Synthetic** protects against timing chain wear and Low Speed Pre-Ignition (LSPI) found in gasoline direct injection engines.

## Product Features and Benefits

SAE 0W-20, 5W-30 Are Formulated to Meet and Exceed all requirements of ILSAC GF-6A.

Improved Wear Protection

Improved LSPI (Low Speed Pre-Ignition) prevention technology.

Outstanding thermal and oxidation stability delivers excellent performance during the maximum oil change interval recommended by the engine manufacturer.

Enhanced cleanliness protects against harmful sludge build-up and piston deposits.

Excellent low temperatures capabilities help aide in ultra-fast cold weather start-up protection.

Advanced additive Technology reduces turbocharger coking on newer gasoline direct injection (GDI) engines.

## Typical Applications

**K&N Ultra Premium Full Synthetic** is fully licensed in all of the following viscosity grades and specifications:

## Specifications

### **K&N Ultra Premium Full Synthetic 0W-20**

*API Approvals*

API SP  
API SN Plus  
API SN  
ILSAC GF-6A, Resource Conserving

*Meets the Performance Requirements of:*

Chrysler MS-6395  
Ford WSS-M2C947-B1  
GM 6094M

### **K&N Ultra Premium Full Synthetic 5W-30**

*API Approvals*

API SP  
API SN Plus  
API SN  
ILSAC GF-6A, Resource Conserving

*Meets the Performance Requirements of:*

Chrysler MS-6395  
Ford WSS-M2C946-B1  
GM 6094M

## Typical Properties

**K&N Ultra Premium Full Synthetic** is formulated to meet typical properties listed below:

| SAE Viscosity Grade                                    | J300       | 0W-20     | 5W-30     |
|--|------------|-----------|-----------|
| Viscosity<br>@ 100°C, cSt                              | ASTM D445  | 8.49      | 10.96     |
| @ 40°C, cSt  | ASTM D445  | 44.18     | 60.75     |
| Viscosity Index  | ASTM D2270 | 173       | 174       |
| Pour Point, °F (°C)                                    | ASTM D97   | -54 (-48) | -60 (-51) |
| Flash Point, °F (°C)                                   | ASTM D92   | 437 (225) | 446 (230) |
| Sulfated Ash, Weight %                                 | ASTM D874  | 0.9       | 0.9       |
| Specific Gravity @ 60°F                                | ASTM D4052 | 0.8426    | 0.8456    |
| CCS @ -35°C, cP  | ASTM D5293 | 5030      | -----     |
| CCS @ -30°C, cP  | ASTM D5293 | -----     | 3605      |
| Noack Volatility, evaporation loss,<br>1 hr. @ 250°C,% | ASTM D5800 | 13.0 Max  | 13.0 Max  |
| TBN, mg KOH/g  | ASTM D2896 | 8.2       | 8.2       |
| HTHS @ 150°C, cP                                       | ASTM D4683 | 2.6 Min   | 2.9 Min   |

### **K&N Part Number:**

Case – 4/1 Gltyal

104090

104094

Case – 12/1 Qt

104097

104093