

# SHELL HELIX ULTRA EXTRA

5W-30 FULLY SYNTHETIC MOTOR OIL  
ADVANCED TECHNOLOGY FOR MODERN ENGINES



DESIGNED TO MEET CHALLENGES

Shell Helix Ultra Extra 5W-30 is a premium-grade, fully synthetic engine oil scientifically formulated to give you Shell's maximum engine clean up properties using special cleansing agents that actively help to continuously lock away harmful dirt and deposits for the respective vehicle specifications outlined below. Shell Helix Ultra Extra is a fully synthetic lubricant giving Shell's ultimate engine and exhaust after treatment protection including diesel particulate filters for performance motoring and is approved by leading car manufacturers such as Mercedes-Benz, VW, Porsche and BMW in support of increased oil change intervals and exhaust after treatment device protection.

## PERFORMANCE FEATURES

LOW SAPS OIL FOR EMISSION SYSTEM PROTECTION

- Provides long life for exhaust after treatment devices.

SHELL'S ULTIMATE ACTIVE CLEANSING TECHNOLOGY

- Up to five times as effective at removing sludge from dirty engines than a normal mineral oil.

LONG-TERM OXIDATION STABILITY

- Up to 37% more protection than other fully synthetic leading brands tested.

LOW VISCOSITY, RAPID OIL FLOW AND LOW FRICTION

- Improved fuel efficiency and easier cold starting.

HIGH SHEAR STABILITY

- To maintain viscosity and stay in grade throughout the oil drain period.

SPECIALLY SELECTED SYNTHETIC BASE OILS

- Reduces oil volatility and therefore oil consumption. The need for oil top-up is therefore reduced.

MINIMISES VIBRATION AND ENGINE NOISE

- Smoother, quieter drive.

## APPLICATIONS

- Suitable for fuel-injected petrol engines fitted with emissions control technology and catalytic converters.
- Also suitable for turbo-charged and inter-cooled direct injection high performance diesel engines fitted with exhaust gas recirculation and particulate filters.

## SPECIFICATIONS, APPROVALS AND RECOMMENDATIONS

Shell Helix Ultra Extra 5W-30 exceeds the requirements of most major car manufacturers and the following industry standards:

- BMW: LongLife-04
- Mercedes-Benz: 229.51
- VW: 504.00/507.00
- Chrysler: MS-1106
- Porsche: C30
- Meets engine test performance requirements: ACEA: C3, A3/B3, A3/B4.

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk, or OEM Approvals website.

MEETS THE REQUIREMENTS OF:

- Fiat: 9.55535 S1
- PSA: B71 2290.

## TYPICAL PHYSICAL CHARACTERISTICS

CHARACTERISTICS	5W-30
Kinematic Viscosity (ASTM D 445) @ 40°C mm <sup>2</sup> /s	73.95
@ 100°C mm <sup>2</sup> /s	12.02
Density @ 15°C kg/m <sup>3</sup> (ASTM D 4052)	848
Viscosity Index (ASTM D 2270)	159
Flash Point °C (COC) (ASTM D 4502)	150
Pour Point °C (ASTM D 97)	-48
HTHS Viscosity @ 150°C	3.5

