

OIL KNIGHT

TECHNICAL DATA SHEET

OIL KNIGHT Enhanced-Series

- Oil Knight is one of JIACYUAN's own brand
- All of product is 100% Made in Taiwan.
- The series of products are fully synthetic engine oil, suitable for various brands of gasoline and small diesel engine vehicles, adopt highest specifications ash-less, smoothness, and low sludge polyester, add saturated polyols to meet the stringent requirements of oil products from high to low, in line with various driving forms, enhanced oil film protection, even under driving conditions, it can exert the particle of oil to quickly cover the engine, providing excellent resistance Oxidative stability.



Key Projects :

- **Ashless**
- **Sludge**
- **Fuel economy**

This series of fully synthetic lubricants focus particular emphasis on



strengthening required for different vehicles and vehicle parts designation status.

OIL KNIGHT ENHANCED SERIES 5W-30

FULLY SYNTHETIC OIL

OIL KNIGHT E-Series 5W-30

OIL KNIGHT enhanced series 5W-30, this series is fully synthetic gasoline engine vehicle lubricating oil, which is combination of synthetic base oils with poly-olefins, high-temperature polyol esters, and special isomeric additives, all can work in harsh environments.

Features/Superiority

- It is formulated with synthetic base oil and high-performance ashless compound formula that meets the specifications of each engine.
- Starting at low temperature can show the advantages of smooth starting.
- Higher VI which can perfectly protect the engine components of low and high temperature.
- Good compatibility with other parts of the vehicle, not easy to cause problems of the parts.

Specifications and Approvals

OIL KNIGHT Engine Oil meets or exceed to the following OEM and industrial lubricant specifications.

SAE Grade	5W-30
API SN/CF	✓
ACEA A3/B4	✓
BMW Longlife-04	✓
MB Approval 229.52	✓

Typical Properties

SAE Grade	Method	5W-30	
Specific Gravity @15/4 °C	ASTM D4052	0.856	
Kinematic viscosity, cSt	40°C	ASTM D445	70.5
	100°C	ASTM D445	12
Viscosity Index	ASTM D2270	170	
Flash Point °C	ASTM D97	208	
Pour Point °C	ASTM D92	-42.0	
Total Base No. mg KOH/g	ASTM D2896	7.8	
Package	-	1/200L	



Applications

OIL KNIGHT Engine Oil is recommended for high-performance gasoline and diesel engines.

OIL KNIGHT ENHANCED SERIES 5W-40

FULLY SYNTHETIC OIL

OIL KNIGHT E-Series 5W-40

OIL KNIGHT enhanced series 5W-40, this series is fully synthetic gasoline engine vehicle lubricating oil, which is combination of synthetic base oils with poly-olefins, high-temperature polyol esters, and special isomeric additives, all can work in harsh environments.

Features/Superiority

- It is formulated with synthetic base oil and high-performance ashless compound formula.
- Poly-olefins effectively improves the stability of oxidation resistance, and it can perform excellently and smoothly even after long-term driving.
- Higher VI which can perfectly protect the engine components of low and high temperature.
- Stable performance for a long time, the loss can be compensated in time when the product quickly enters the high temperature stage.

Specifications and Approvals

OIL KNIGHT Engine Oil meets or exceed to the following OEM and industrial lubricant specifications.

SAE Grade	5W-40
API SN/CF	✓
ACEA A3/B4	✓
BMW Longlife-04	✓
MB Approval 229.52	✓

Typical Properties

SAE Grade	Method	5W-40	
Specific Gravity @15/4 °C	ASTM D4052	0.86	
Kinematic viscosity, cSt	40°C	ASTM D445	83
	100°C	ASTM D445	13.7
Viscosity Index	ASTM D2270	169	
Flash Point °C	ASTM D97	216	
Pour Point °C	ASTM D92	-40.0	
Total Base No. mg KOH/g	ASTM D2896	7.71	
Package	-	1L/200L	



Applications

OIL KNIGHT Engine Oil is recommended for high-performance gasoline and diesel engines.

OIL KNIGHT ENHANCED SERIES 10W-40

FULLY SYNTHETIC OIL

OIL KNIGHT E-Series 10W-40

OIL KNIGHT enhanced series 10W-40, this series is fully synthetic gasoline engine vehicle lubricating oil, which is combination of synthetic base oils with poly-olefins, high-temperature polyol esters, and special isomeric additives, all can work in harsh environments.

Features/Superiority

- It is formulated with synthetic base oil and high-performance ashless compound formula that meets the specifications of each engine.
- Compound high temperature anti-wear formula can provide excellent protection when the engine quickly enters the high temperature stage, and has good resistance to external temperature.
- Higher VI which can perfectly protect the engine components of low and high temperature.
- Stable oil film lubrication and protection, which can perfectly reduce the evaporation loss rate.

Specifications and Approvals

OIL KNIGHT Engine Oil meets or exceed to the following OEM and industrial lubricant specifications.

SAE Grade	10W-40
API SN/CF	✓
ACEA A3/B4	✓
BMW Longlife-04	✓
MB Approval 229.52	✓

Typical Properties

SAE Grade	Method	10W-40	
Specific Gravity @15/4 °C	ASTM D4052	0.868	
Kinematic viscosity, cSt	40°C	ASTM D445	110
	100°C	ASTM D445	16
Viscosity Index	ASTM D2270	158	
Flash Point °C	ASTM D97	220	
Pour Point °C	ASTM D92	-30.0	
Total Base No. mg KOH/g	ASTM D2896	7.82	
Package	-	1L/200L	



Applications

OIL KNIGHT Engine Oil is recommended for high-performance gasoline and diesel engines.