

# OIL KNIGHT TECHNICAL DATA SHEET

## OIL KNIGHT LIGHT-DIESEL OIL

- Oil Knight is one of JIACYUAN's own brand
- All of product is 100% Made in Taiwan.
- The series is suitable for various brands of small diesel engines of passenger cars , and beyond the double-effect oil price performance ratio, emphasis on 『 **Driving Non-stagnation, high speed under the perfect oil film protection** 』 in line with various driving patterns, stable protective film, provide car parts the integrity of care, this series all meet or exceed the API SP/CF and ACEA C2/C3/C5 grade specification.



### Oil Specification of Key Projects :

- **Soot thickening**
- **Lubrication**
- **Oxidative thickening**
- **Fuel economy**
- **Clean ability**

# OIL KNIGHT S-DIESEL ENGINE OIL

## OIL KNIGHT S-DIESEL / 0W-20

- Oil Knight Fully Synthetic Small Diesel Engine Comply with the ACEA C2/C3/C5 specifications of the vehicle lubricants, with the highest standards of light diesel engines of the designation of 0W20, 5W30, 5W40 light diesel vehicles for general use, to provide smooth start, long driving No stagnation, high speed under the perfect oil film protection.

### Features/Superiority

- Improves fuel efficiency and helps protect turbine engines from low-speed Pre-Ignition (LSPI).
- Transforms to be strongest when the pressure is highest, protecting your engine, reduces power-robbing friction across engine speeds and conditions.

### Specifications and Approvals

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

SAE Grade	0W-20
API SP/CF	✓
ACEA C5-21	✓
BMW Longlife-04	✓
MB Approval 229.52	✓
Porsche-A40	✓
VW 502/505/505.01	✓

### Typical Properties

SAE Grade	0W-20	
Specific Gravity @15/4 °C	0.850	
Kinematic viscosity, cSt	40°C	43
	100°C	8.5
Viscosity Index	183	
TBN mg KOH/g	7.9	
Flash Point °C	222	
Pour Point °C	-46.0	



### Applications

It is used for gasoline and light-duty diesel engines equipped with turbines, as well as for turbocharged gasoline commercial vehicles.

# OIL KNIGHT S-DIESEL ENGINE OIL

## OIL KNIGHT S-DIESEL / 5W-30

- Oil Knight Fully Synthetic Small Diesel Engine Comply with the ACEA C2/C3/C5 specifications of the vehicle lubricants, with the highest standards of light diesel engines of the designation of 0W20, 5W30, 5W40 light diesel vehicles for general use, to provide smooth start, long driving No stagnation, high speed under the perfect oil film protection.

### Features/Superiority

- Start at a low temperature state can exhibit the characteristics of smooth starting, throttle become lighter, more sensitive.
- Special repair particles, when engine strong pressure caused by damage can be reduce.

### Specifications and Approvals

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

SAE Grade	5W-30
API SP/CF	✓
ACEA C2/C3-21	✓
BMW Longlife-04	✓
MB Approval 229.52	✓
Porsche-A40	✓
VW 502/505/505.01	✓

### Typical Properties

SAE Grade	5W-30	
Specific Gravity @15/4 °C	0.852	
Kinematic viscosity , cSt	40°C	54.2
	100°C	10.1
Viscosity Index	176	
TBN mg KOH/g	8.5	
Flash Point °C	238	
Pour Point °C	-45.0	



### Applications

It is used for gasoline and light-duty diesel engines equipped with turbines, as well as for turbocharged gasoline commercial vehicles.

# OIL KNIGHT S-DIESEL ENGINE OIL

## OIL KNIGHT S-DIESEL / 5W-40

- Oil Knight Fully Synthetic Small Diesel Engine Comply with the ACEA C2/C3/C5 specifications of the vehicle lubricants, with the highest standards of light diesel engines of the designation of 0W20, 5W30, 5W40 light diesel vehicles for general use, to provide smooth start, long driving No stagnation, high speed under the perfect oil film protection.

### Features/Superiority

- Provide engine running smoothly and reduce the oil film produced by the different sound, all-round removal of sludge and keep the engine room cleaning, extend engine life.
- Can effectively reduce the carbon deposition, quickly take away the formation of sludge.

### Specifications and Approvals

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

SAE Grade	5W-40
API SP/CF	✓
ACEA C3-21	✓
BMW Longlife-04	✓
MB Approval 229.52	✓
Porsche-A40	✓
VW 502/505/505.01	✓

### Typical Properties

SAE Grade	5W-40	
Specific Gravity @15/4 °C	0.858	
Kinematic viscosity, cSt	40°C	84.6
	100°C	14.9
Viscosity Index	186	
TBN mg KOH/g	8.3	
Flash Point °C	222	
Pour Point °C	-46.0	



### Applications

It is used for gasoline and light-duty diesel engines equipped with turbines, as well as for turbocharged gasoline commercial vehicles.