

PN V Series Diesel Engine Oil

Product reference: GYYY-42

Heavy-duty diesel engine oils with separate source viscosity options for CI-4 and CK-4 formulations.

PetroNexus V Series Diesel Engine Oil

Product name

PetroNexus V Series Diesel Engine Oil

Viscosity / grade

API CI-4: SAE viscosity grades 15W-40 and 20W-50. API CK-4: SAE viscosity grades 15W-40 and 10W-40.

Product overview

PetroNexus V Series Diesel Engine Oil is a premium multigrade heavy-duty diesel engine oil blended from refined base oils and imported additives. Its excellent antiwear, oxidation resistance, rust protection and corrosion protection, together with soot handling capability and fuel economy performance, meet the requirements of a wide range of imported and domestically manufactured diesel engines and provide comprehensive protection for engine components.

Performance features

1. Excellent thermal and oxidation stability reduces deposits and oil thickening.
2. Outstanding soot handling capability prevents soot-related viscosity increases and wear.
3. High shear stability maintains viscosity at elevated temperatures, reducing oil consumption and engine wear.
4. Excellent corrosion protection helps maintain engine durability.
5. Good total base number retention helps counteract the harmful effects of corrosive exhaust gases and extend oil service life.

Applications

Recommended applications for CI-4 products: Commercial heavy-duty diesel engines meeting China III, China IV and China V emissions regulations and US EPA 2002 regulations, including engines from Cummins, Mercedes-Benz, MAN, Volvo and Mack.

Recommended applications for CK-4 products: Broadly suitable for China VI and Euro VI vehicles, with compatibility for China IV, China V and Euro V vehicles, including vehicles equipped with exhaust aftertreatment protection systems. In addition to transport vehicles, these products are widely applicable to off-highway equipment used in mining, construction, agriculture, forestry, marine applications and industrial emergency power generation.

Packaging

170 kg drums; IBC containers

Application limitations

- Do not use in gasoline engines. Although CK-4 is compatible with various aftertreatment systems, the equipment manufacturer's lubricant specifications must still be checked. Do not use as gear oil or hydraulic oil.

For grade selection, technical requirements, packaging and commercial terms, contact sales@petronexusgroup.com.

Product visual and technical data



PETRONEXUS

V Series High-Performance Heavy-Duty Diesel Engine Oil

Reliable Protection for a Stronger Tomorrow

Performance Grades:
API CI-4 | API CK-4
SAE 15W-40 / 20W-50 / 10W-40

 Engine Protection
  Soot Control
  Long Drain Interval
  Reliable Performance

PRODUCT PERFORMANCE

-  Excellent thermal and oxidation stability
-  Outstanding soot handling and dispersancy
-  High shear stability
-  Excellent corrosion protection
-  Good total base number (TBN) retention

BUILT FOR HEAVY-DUTY PERFORMANCE

Keeps your engine cleaner. Runs longer. Delivers higher reliability.

-  CLEANER ENGINE
  HIGHER EFFICIENCY
  LONGER SERVICE LIFE

PRODUCT DESCRIPTION

V Series is a range of premium multigrade heavy-duty diesel engine oils formulated with high-quality refined base oils and advanced imported additive packages.

Designed for demanding diesel engine applications, the series delivers excellent anti-wear protection, oxidation stability, rust and corrosion resistance, effective soot handling, and good fuel economy performance.

Its advanced formulation helps maintain engine cleanliness, control soot-related lubricant degradation, and protect critical engine components against wear and corrosion.

Featuring excellent thermal and oxidation stability, high shear stability, and good total base number (TBN) retention, V Series provides reliable lubrication and protection for a wide range of heavy-duty diesel engines.

TRUSTED LUBRICATION SOLUTIONS FOR A STRONGER TOMORROW

ADVANCED FORMULATION FOR MAXIMUM ENGINE PROTECTION

-  Anti-Wear Protection
  Soot Dispersancy
  Oxidation Stability
  Fuel Economy Support

APPLICATIONS

- API CI-4 Heavy-Duty Commercial Diesel Engines**
- China III / IV / V emission vehicles
 - U.S. EPA 2002 compliant engines
 - Cummins, Mercedes-Benz, MAN, Volvo, Mack and other manufacturers
 - SAE 15W-40 / 20W-50

- API CK-4 Modern Heavy-Duty Diesel Engines**
- China VI and Euro VI emission vehicles
 - Engines with exhaust aftertreatment systems
 - Non-road applications: mining, construction, agriculture, forestry, marine, power generation
 - SAE 15W-40 / 10W-40

Always follow the engine manufacturer's recommendations regarding lubricant viscosity, API category and drain intervals.

TYPICAL DATA

API/SAE Grade		CI-4		CK-4	
		15W-40	20W-50	10W-40	15W-40
Test Item	Test Method	Typical Data			
Kinematic Viscosity @100°C, cSt	ASTM D445	14.6	21.1	14.7	14.1
Viscosity Index	ASTM D2270	143	129	154	136
Flash Point, °C	ASTM D92	224	236	222	226
Pour Point, °C	ASTM D97	-30	-24	-33	-30
Density @20°C, kg/l	ASTM D1298	0.869	0.876	0.861	0.869
Total Base Number, mg KOH/g	ASTM D2896	9.7	9.7	7.6	7.6

The above data are typical values of the current product. Future production data may vary within the allowable range of quality standards. For more information, please contact your sales representative.

AVAILABLE PACKAGING



170 kg Drums



IBC Containers

RELIABLE SUPPLY FOR GLOBAL MARKETS



PETRONEXUS

POWERING A CLEANER TOMORROW

 Lower Emissions
  Higher Reliability
  Improved Efficiency
  Global Support

YOUR TRUSTED PARTNER IN LUBRICANTS