

## QATOL SUPER POWER HDX DIESEL ENGINE OIL SAE 15W40 (API CK4/SN)

Premium Synthetic Technology Commercial Vehicle Engine Oil



### PRODUCT DESCRIPTION:

QATOL SUPER POWER HDX SAE 15W40 Heavy Duty Engine Oil is a high performance, mixed fleet engine oil recommended for naturally aspirated and turbocharged diesel and gasoline engines in which SAE 15W-40 viscosity grade and API CK-4 or SN service categories are specified.

QATOL SUPER POWER HDX SAE 15W40 is an extra high performance diesel engine oil that helps extend engine life in severe on and off-highway applications while delivering outstanding performance in modern, high-output, low-emission engines including those with Exhaust Gas Recirculation (EGR) and Aftertreatment Systems with Diesel Particulate Filters (DPFs) and Diesel Oxidation Catalysts (DOCs).

### APPLICATIONS:

- QATOL SUPER POWER HDX SAE 15W40 is mixed fleets motor oil recommended for all naturally aspirated and turbocharged four-stroke diesel engines in which the API CK-4 grade is recommended.
- On-highway heavy-duty trucking and off-highway including: construction, mining, quarrying, and agriculture.
- Diesel engines equipped with DPF (Diesel Particulate Filter) or SCR (Selective Catalytic Reduction) and in other after-treatment systems where an API CK-4 engine oil is specified.

### BENEFITS:

- QATOL SUPER POWER HDX SAE 15W40 is a premium heavy duty engine oil engineered to deliver outstanding wear protection and performance in modern heavy duty diesel engines. Formulated with premium, ultra-pure base oils and carefully balanced additive technology, this advanced engine oil delivers outstanding long-term performance for on and off-highway heavy duty engine applications operating under high-load, high-stress conditions in all climates.
- QATOL SUPER POWER HDX SAE 15W40 Heavy Duty Engine Oil contains field proven additive technology which delivers maximum control on engine wear, outstanding engine cleanliness, and high TBN and viscosity retention for outstanding lubricant life and maximum engine durability. Metal anti-wear protection exceeds API CK-4 standards and tough OEM specifications.
- QATOL SUPER POWER HDX SAE 15W40 Heavy Duty Engine Oil is designed specifically to meet the stringent requirements of API Service Category CK-4 for heavy duty diesel engines running on Ultra Low Sulfur Diesel (ULSD) and equipped with advanced after treatment devices. Exceeds all soot control and particulate requirements of current emission control systems such as Exhaust Gas Recirculation (EGR), Diesel Particulate Filter (DPF), or Selective Catalytic Reduction (SCR).
- QATOL SUPER POWER HDX SAE 15W40 Heavy Duty Engine Oil delivers value through the following benefits:
  1. Engine efficiency – advanced additive technology keeps internal engine components clean, reduces oil consumption for long service life.
  2. Outstanding anti-wear – wear protection exceeds API CK-4 and tough OEM specifications even in severe service applications for maximum engine durability.

3. Emission compliant – fully compliant with all current emission control equipment. Promotes extended DPF life helping to minimize maintenance costs.
4. Extended service life – outstanding TBN and high viscosity retention supports extended lubricant life when used with regular oil testing.

#### SPECIFICATIONS & RECOMMENDATIONS:

- API CK-4, SN
- ACEA E6
- ACEA E7
- ACEA E9
- Caterpillar ECF-3, ECF-2, TO-2
- Mack EOS-4.5, EO-O Premium Plus
- Volvo VDS-4.5, VDS-4, VDS-3
- Renault Truck RLD-3
- Detroit Diesel 93K222/93K218/93K215
- Cummins CES **20078/** 20081/20086/20092
- MB 228.31
- MTU Type 2.1
- MAN 3271-1/3275/3477
- MAN 3575

#### KEY PROPERTIES:

PROPERTIES	TEST METHOD	TYPICAL VALUES	UNIT
Density @ 15 °C	ASTM D 4052	0.875	g/ml
Kinematic Viscosity @ 40 °C	ASTM D 445	116	mm <sup>2</sup> /s
Kinematic Viscosity @ 100 °C	ASTM D 445	15.65	mm <sup>2</sup> /s
Viscosity Index	ASTM D 2270	143	-
TBN	ASTM D 2896	9.9	mg KOH/g
Flash Point, CoC	ASTM D 92	220	°C
Pour Point	ASTM D 97	-36	°C
Dynamic Viscosity @ - 20 °C	ASTM D 5293	<7000	cP

AVAILABLE PACKAGES: 208L, 25L, 20L, 5L, 4L, 1L.