



ENEOS 15W40 CI-4/SL

SUPER DIESEL ENGINE OIL

MATERIAL CODE: EMA1601

ENEOS 15W40 CI-4/SL Super Diesel Engine Oil is extra high performance Heavy- Duty Diesel Engine Oil specially developed for use in modern, low emission diesel engines, including those fitted with Exhaust Gas Re-Circulation (EGR) systems. This product meets the latest requirements of all major European, American and Japanese Engine manufacturers and offers exception and extended life to Diesel Engines operating on low or high sulphur Diesel. It is blended from selected base stocks and new generation performance additives.

❖ SPECIAL FEATURES.

1. Outstanding thermo- Oxidative stability reduces deposits and Oil thickening.
2. Excellent soot handling capability protects against soot induced viscosity increase and wear
3. High shear stability ensures viscosity control at elevated temperatures and reduces oil consumption and wear.
4. Superior protection against corrosive wear helps in sustaining engine durability.
5. Excellent TBN retention helps in countering harmful effects of corrosive exhaust gases and extending oil life.

❖ APPLICATIONS.

1. Turbocharged and naturally aspirated diesel engines used in on-highway applications including those fitted with EGR systems and meeting US 2004 emission norms introduced in 2002.
Also suitable for Euro 4 vehicles that do not require low SAPS (Sulphated Ash, Phosphorous, Sulphur) oils (not fitted with Diesel Particulate Filters) and also in vehicles meeting Euro 3 and earlier emission norms.
2. Heavy duty Diesel Engines used in mining, construction agriculture & other off-highway applications for mixed fleet applications and gasoline engines, SAE 15W-40 oil is recommended.
3. Suitable and recommended for mixed fleet application and gasoline engine.

❖ PACK SIZE.

1L, 5L, 20L, 208L

❖ PERFORMANCE LEVEL.

API-CI-4/SL, ACEA E7, Global DHD-1
API CH-4, CG-4, CF-4, SL, ACEA A3/B3,
A3/B4, Cummins CES 20071, 20072, 20076,
20077, 20078, Caterpillar ECF-1a, Scania LDF-2

❖ TYPICAL PROPERTIES

SAE Viscosity Grade Quality Grade	15W-40 CI-4/SL
Appearance	Amber
Density (15°C), g/cm ³	0.89
Flash Point (COC), °C	230
Kinematic Viscosity (40°C),mm ² /s	105
(100°C), mm ² /s	14.50
Viscosity Index	135
Pour Point, °C	-27
TAN, mg KOH/g	2.5
TBN (HCL), mg KOH/g	11.5
Colour (ASTM)	L 4.5
Sulphated Ash, wt. %	1.45

Note: The Typical Properties may be changed without notice.



Handling Precautions

▼ Follow these precautions when handling this product.

! CAUTION Handling Precautions	<ul style="list-style-type: none">● <u>Inflammation can occur if oil enters the eyes.</u> When handling this oil, wear <u>protective goggles</u> or take other measures to <u>prevent eye contact</u>.● <u>Inflammation can occur if oil comes into contact with skin.</u> When handling this oil, wear <u>protective gloves</u> or take other measures to <u>prevent skin contact</u>.● Do not drink this oil. (Swallowing this oil can cause diarrhea and nausea.)● <u>Keep out of reach of children.</u>● Read the Material Safety Data Sheet (MSDS) for this product before using the product. Obtain the Material Safety Data Sheet from where you purchased the product.
First Aid	<ul style="list-style-type: none">● In case of eye contact, rinse eyes thoroughly with clean water and consult with a physician.● In case of skin contact, wash skin thoroughly with soap and water.● If this oil is swallowed, do not induce vomiting. Consult with a physician immediately.
Disposal of Used Oil and Containers	<ul style="list-style-type: none">● Do not apply pressure to empty containers. The containers may burst if pressure is applied.● Do not weld, heat, drill, or cut the containers. The remaining oil may ignite and the containers may explode.● Follow all applicable laws and regulations when disposing of used oil or containers. If you are unsure of the proper disposal methods, consult first with the seller of the oil.
Storage Method	Seal the container tightly after use in order to prevent dirt, moisture, etc., from entering the oil. Store in a dark location. Avoid direct sunlight.