

CEPSA ULTRAMAR SHPD 15W40



Description

CEPSA ULTRAMAR SHPD 15W40 is a multi-grade premium oil specially formulated to meet the current demands of latest-generation 4-stroke diesel engines used in the marine sector, operating with today's low-sulfur gas oils (less than 50 ppm), and provides special protection for engines that operate with gas oil containing up to 1% sulfur.

Product performance

- Excellent detergent-dispersant capacity, preventing ring seizure and deposits on valves and pistons.
- High level of soot control, with 50% less than API CH-4 and ACEA E5.
- The use of special "narrow-cut" oil bases in its formulation ensures a similar volatility to that of semi-synthetic oils.
- High viscosity stability in service.

Applications

- In latest-generation diesel engines used for propulsion in fishing boats operating under severe conditions.
- In modern 4-stroke turbo-charged diesel engines used for propulsion in fishing boats and merchant ships, in auxiliary generator sets.
- Owing to its polyvalence and high performance it is ideal for lubricating trunk diesel engines of any brand or power, using gas oil fuel containing up to 1% sulfur.

Specifications

· API CI-4	· ACEA E7-08	· MB 228.3
· MAN M 3275-1	· VOLVO VDS-3	· MACK EO-M Plus
· Cummins CES 20078	· MTU Type 2	· CAT ECF-1-a and ECF-2

Typical Characteristics

SPECIFICATIONS	ASTM STANDARD	CEPSA ULTRAMAR SHPD
SAE GRADE	---	15W-40
Density 15°C, kg/l	D-4052	0.889
Flash Point O/C °C	D-92	>200
Freezing Point, °C	D-97	-26
Viscosity cSt at 40°C	D-445	102.5
Viscosity cSt at 100°C	D-445	14.15
Viscosity Index	D-2270	138
Base Number, mg KOH/g	D-2896	15.3
Sulfated Ash % p	D-874	1.3

Health & Safety and Environment

In accordance with current legislation, all health, safety and environmental information for this product is provided on the Material Safety Data Sheet, which gives details of potential hazards, handling precautions and first aid measures, together with environmental data.