

Marine Diesel Engine Oil

Description

DAYAN MARINE OIL series are a multifunctional crankcase lubricant for highly rated medium-speed diesel engines operating on residual fuel.

Features and benefits

- Excellent engine cleanliness.
- Excellent protection against acidity.
- Very good thermal stability
- Very good detergent properties
- Very good dispersing properties at low temperatures.
- Very good wear protection.
- Very good oil film strength at extreme pressures.
- Excellent water resistance.
- Very good acidic neutralisation capability.

Application

All marine TP Diesel engine with medium speed.

- Turbocharged and naturally aspirated main and auxiliary engines of all types and all ratings, running on Gas Oil or Marine Diesel Oil.
- Bearings and stern-tubes.
- Reduction gear lubrication.

Specification

- API CF

Storage and Handling

DAYAN MARINE OIL series are Unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standard of Industrial and personal hygiene are maintained. Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water. Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

The DAYAN trademark is registered and protected in Iran.

Technical Data

Test	Units	Method	3012	3015	3030	3040	4012	4015	4017	4020	4025	4030	4040	5015
SAE Viscosity	-	-	30	30	30	30	40	40	40	40	40	40	40	50
Relative Density at 15°C	g/ml	ASTM D4052	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.9
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445	104	104	104	104	140	140	140	140	140	140	140	220
Kinematic Viscosity at 100°C	mm ² /s	ASTM D445	11.4	11.4	11.4	11.4	14	14	14	14	14	14	14	19
Viscosity Index	-	ASTM D2270	96	96	96	96	96	96	96	96	96	96	96	97
Total Base Number	mg KOH/g	ASTM D2896	12	15	30	40	12	15	17.4	20	25	30	40	15
Open Flash Point	°C	ASTM D92	240	240	230	230	230	230	240	230	230	230	230	235
Pour Point	°C	ASTM D5985	-18	-18	-18	-18	-15	-15	-27	-15	-15	-15	-15	-12
Sulphated Ash	% wt	ASTM D874	1.2	1.5	3.8	3.8	1.2	1.2	1.8	2.1	3.1	3.8	4.8	1.6

Note:

1- The Typical characteristics are given as a guide only and may vary according to latest production according to ISO.