

Product Data Sheets



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LONG LIFE MARINE OIL



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MADE
IN
TÜRKİYE

Dewmare Marine Oil 3008/4008/5008

High Performance Marine Lubricants



Meets Requirements:

API CF

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

208 LT BARREL / 1000 LT IBC

Note: These results are typical values depending on the productions.



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Product Description: DEWMARE MARINE OIL 3008/4008/5008 are high-performance, diesel engine oils that, are developed for low-speed 'crosshead' type and medium-speed trunk piston marine engine that are operating in maritime and industrial fields. These engine oils neutralize acidic combustion products with their high total base number and strong detergent feature and facilitate the removal of water in the separator.

Features and Benefits: Offers superior resistance against heat, oxidation, and rust. Cleans the engine with its superior detergent dispersant feature. With its high TBN value, it neutralizes the acidic combustion products formed by the combustion of high sulfur in the fuel and helps them to be removed from the engine.

Applications : Should be used as a cylinder oil in the crankcases of mid-cycle trunk piston marine diesel engines and 'crosshead' type engines using diesel fuels that are in ships and industrial areas.

TECHNICAL CHARACTERISTICS	METHOD	3008	4008	5008
GRADE		30	40	50
DENSITY 15 °C, g/cm ³	ASTM D 4052	0,89	0,89	0,89
VISCOSITY 100 °C, cSt	ASTM D 445	9,3 - 12,5	12,5 - 16,3	12,5 - 16,3
VISCOSITY INDEX	ASTM D 2270	100	100	100
POUR POINT °C MAX	ASTM D 97	-21	-21	-21
FLASH POINT °C	ASTM D 92	230	240	240
TOTAL BASE NUMBER mgKOH/g	ASTM D 2896	8	8	8



Dewmare Marine Oil 3012/4012/5012

High Performance Marine Lubricants

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LONG LIFE MARINE OIL



Meets Requirements:

API CF

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

208 LT BARREL / 1000 LT IBC

Note: These results are typical values depending on the productions.



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Product Description: DEWMARE MARINE OIL 3012/4012 are high-performance diesel engine oils with a high total base number (TBN=15) , developed for medium and high-speed trunk piston marine diesel engines using distilled and high sulfur diesel fuel that operates in maritime and industrial areas.

Features and Benefits: Offers superior resistance against heat, oxidation, and rust. Cleans the engine with its superior detergent dispersant feature. With its high TBN value, it neutralizes the acidic combustion products formed by the combustion of high sulfur in the fuel and helps them to be removed from the engine.

Applications : Should be used as a cylinder oil in the crankcases of mid-cycle trunk piston marine diesel engines and 'crosshead' type engines using diesel fuels that are in ships and industrial areas.

TECHNICAL CHARACTERISTICS	METHOD	3012	4012	5012
GRADE		30	40	50
DENSITY 15 °C, g/cm ³	ASTM D 4052	0,89	0,89	0,89
VISCOSITY 100 °C, cSt	ASTM D 445	9,3 - 12,5	12,5 - 16,3	12,5 - 16,3
VISCOSITY INDEX	ASTM D 2270	100	100	100
POUR POINT °C MAX	ASTM D 97	-18	-18	-18
FLASH POINT ° C	ASTM D 92	230	240	240
TOTAL BASE NUMBER mgKOH/g	ASTM D 2896	12	12	12



Dewmare Marine Oil 3020/4020

High Performance Marine Lubricants



Meets Requirements:

API CF

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

208 LT BARREL / 1000 LT IBC

Note: These results are typical values depending on the productions.



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Product Description: DEWMARE MARINE OIL 3030/4030 are high-performance diesel engine oils with a high total base number (TBN=30), developed for diesel engines using medium or high sulphureous heavy fuels in maritime and industrial fields. In diesel engines that uses high sulfur fuels, strong acidic combustion residuals are formed as a result of combustion. These engine oils neutralize acidic combustion products with their high total base number and strong detergent feature and facilitate the removal of water in the separator.

Features and Benefits: Offers superior resistance against heat, oxidation, and rust. Cleans the engine with its superior detergent dispersant feature. With its high TBN value, it neutralizes the acidic combustion products formed by the combustion of high sulfur in the fuel and helps them to be removed from the engine.

Applications : Should be used in all kinds of trunk piston crankcases of diesel engines using medium or high sulphureous fuels in ships and industrial areas.

TECHNICAL CHARACTERISTICS	METHOD	3020	4020
GRADE		30	40
DENSITY 15 °C, g/cm ³	ASTM D 4052	0,90	0,90
VISCOSITY 100 °C, cSt	ASTM D 445	9,3 - 12,5	12,5 - 16,3
VISCOSITY INDEX	ASTM D 2270	100	100
POUR POINT °C MAX	ASTM D 97	-18	-18
FLASH POINT ° C	ASTM D 92	230	240
TOTAL BASE NUMBER mgKOH/g	ASTM D 2896	30	30



Dewmare Marine Oil 3030/4030

High Performance Marine Lubricants



Meets Requirements:

API CF

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

208 LT BARREL / 1000 LT IBC

Note: These results are typical values depending on the productions.



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Product Description: DEWMARE MARINE OIL 3030/4030 are high-performance diesel engine oils with a high total base number (TBN=30), developed for diesel engines using medium or high sulphureous heavy fuels in maritime and industrial fields. In diesel engines that uses high sulfur fuels, strong acidic combustion residuals are formed as a result of combustion. These engine oils neutralize acidic combustion products with their high total base number and strong detergent feature and facilitate the removal of water in the separator.

Features and Benefits: Offers superior resistance against heat, oxidation, and rust. Cleans the engine with its superior detergent dispersant feature. With its high TBN value, it neutralizes the acidic combustion products formed by the combustion of high sulfur in the fuel and helps them to be removed from the engine.

Applications : Should be used in all kinds of trunk piston crankcases of diesel engines using medium or high sulphureous fuels in ships and industrial areas.

TECHNICAL CHARACTERISTICS	METHOD	3030	4030
GRADE		30	40
DENSITY 15 °C, g/cm ³	ASTM D 4052	0,90	0,90
VISCOSITY 100 °C, cSt	ASTM D 445	9,3 - 12,5	12,5 - 16,3
VISCOSITY INDEX	ASTM D 2270	100	100
POUR POINT °C MAX	ASTM D 97	-18	-18
FLASH POINT ° C	ASTM D 92	230	240
TOTAL BASE NUMBER mgKOH/g	ASTM D 2896	30	30



Dewmare Marine Oil 4040

High Performance Marine Lubricants

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LONG LIFE MARINE OIL



Meets Requirements:

API CF

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

208 LT BARREL / 1000 LT IBC

Note: It contains high ash due to its high TBN number (40), therefore, it is not recommended to be used in diesel engines that uses low sulphureous fuels.



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Product Description: DEWMARE MARINE OIL 4040 is a high-performance diesel engine oil with an extra high total base number (TBN=40), developed for diesel engines using high sulphureous heavy fuels in maritime and industrial fields. In diesel engines that uses high sulfur fuels, strong acidic combustion residuals are formed as a result of combustion. This engine oil neutralizes acidic combustion products with their high total base number and strong detergent feature and facilitates the removal of water in the separator.

Features and Benefits: Offers superior resistance against heat, oxidation, and rust. Cleans the engine with its superior detergent dispersant feature. With its high TBN value, it neutralizes the acidic combustion products formed by the combustion of high sulfur in the fuel and helps them to be removed from the engine.

Applications : Should be used in all kinds of trunk piston crankcases of diesel engines using medium or high sulphureous fuels in ships and industrial areas.

TECHNICAL CHARACTERISTICS	METHOD	4040
GRADE		40
DENSITY 15 °C, g/cm ³	ASTM D 4052	0,91
VISCOSITY 100 °C, cSt	ASTM D 445	12,5 - 16,3
VISCOSITY INDEX	ASTM D 2270	100
POUR POINT °C MAX	ASTM D 97	-18
FLASH POINT ° C	ASTM D 92	240
TOTAL BASE NUMBER mgKOH/g	ASTM D 2896	40



Dewmare Marine Oil 5025/5040

High Performance Marine Lubricants

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LONG LIFE MARINE OIL



Meets Requirements:

API CF

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

208 LT BARREL / 1000 LT IBC

Note: It contains high ash due to its high TBN number (70), therefore, it is not recommended to be used in diesel engines that uses low sulphureous fuels.



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Product Description: DEW Marine Oil 5025 and 5040 is blended by high-quality base oil and high performance additives. Formulation has been specifically developed for sulfur emission control area.

Features and Benefits: This formulation boasts exceptional viscosity-temperature management which ensures compatibility with latest generation engines performing at higher pressure and temperatures. It curtails friction and wear off to lengthen engine life through enhanced lubricity and superior anti-wear performance. Its exceptional detergency and dispersancy resists the formation of carbon deposits on cylinder ring groove as well as cylinder liner, guaranteeing the cleanliness of engine combustion chamber. It is specifically formulated to diminish liner and ring wear off through superior diffusivity performance which ensures the prompt formation of oil films over the cylinder surface through quick propulsion and dispersion of oil.

Applications : DEW Marine Cylinder Oil 5025 and 5040 is suitable for use in Marine low speed two stroke crosshead diesel engine cylinders using fuel oil with sulfur content less than 0.5% including new type fuels.

TECHNICAL CHARACTERISTICS	METHOD	5025	5040
GRADE		50	50
DENSITY 15 °C, g/cm ³	ASTM D 4052	0,90	0,91
VISCOSITY 100 °C, cSt	ASTM D 445	16,3 - 21,9	16,3 - 21,9
VISCOSITY INDEX	ASTM D 2270	100	100
POUR POINT °C MAX	ASTM D 97	-12	-12
FLASH POINT ° C	ASTM D 92	250	250
TOTAL BASE NUMBER mgKOH/g	ASTM D 2896	25	40



Dewmare Marine Oil 5070

High Performance Marine Lubricants

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LONG LIFE MARINE OIL



Meets Requirements:

API CF

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

208 LT BARREL / 1000 LT IBC

Note: It contains high ash due to its high TBN number (70), therefore, it is not recommended to be used in diesel engines that uses low sulphureous fuels.



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Product Description: DEWMARE MARINE OIL 5070 is a high-performance diesel engine oil with an extra high total base number (TBN=70), developed for use as cylinder oil in crosshead type diesel engines that uses very high sulphureous heavy fuels in maritime and industrial areas. This product prevents maximum stickiness and corrosive wear at high temperatures and pressures in cylinder lubrication of 'crosshead' type modern diesel engines. In diesel engines that uses high sulfur fuels, strong acidic combustion residuals are formed as a result of combustion. This engine oil neutralizes acidic combustion products with their high total base number and strong detergent feature and facilitates the removal of water in the separator.

Features and Benefits: Offers superior resistance against heat, oxidation, and rust. Cleans the engine with its superior detergent dispersant feature. With its high TBN value, it neutralizes the acidic combustion products formed by the combustion of high sulfur in the fuel and helps them to be removed from the engine.

Applications : Should be used in all kinds of trunk piston crankcases of diesel engines using medium or high sulphureous fuels in ships and industrial areas.

TECHNICAL CHARACTERISTICS	METHOD	5070
GRADE		50
DENSITY 15 °C, g/cm ³	ASTM D 4052	0,93
VISCOSITY 100 °C, cSt	ASTM D 445	16,3 - 21,9
VISCOSITY INDEX	ASTM D 2270	100
POUR POINT °C MAX	ASTM D 97	-12
FLASH POINT ° C	ASTM D 92	250
TOTAL BASE NUMBER mgKOH/g	ASTM D 2896	70



Container/trailer loading dimensions

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LONG LIFE MARINE OIL



16 LT - 18 LT
80 PCS TIN PACKING



16 x 1 LT
56 PCS CARD BOX



6 x 3 LT
48 PCS CARD BOX



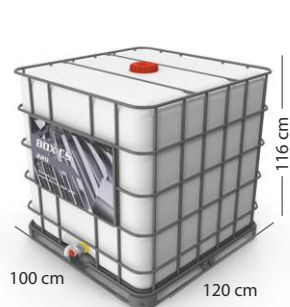
4 x 4 LT
60 PCS CARD BOX



4 x 5 LT
48 PCS CARD BOX



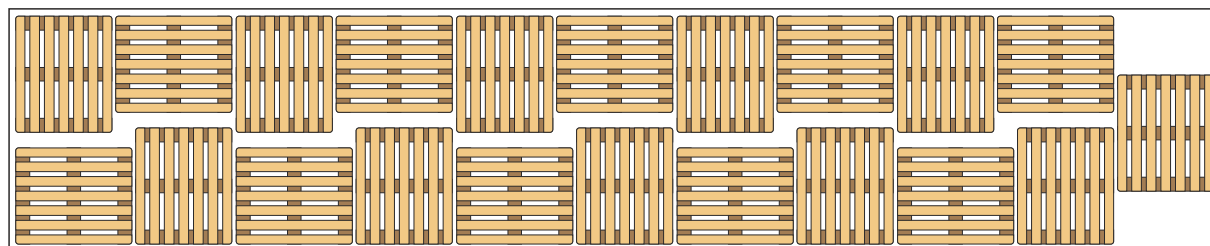
3 x 7 LT
40 PCS CARD BOX



1000 LT
1 PCS IBCPACKING



180 LT
4 PCS BARREL PACKING





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