# PRODUCT & TECHNICAL DATA

## **SEAMAX SUPER PLUS 15W-40**Multigrade diesel engine lubricant

#### **DESCRIPTION**

Seamax Super Plus SAE 15W-40 is a mineral based Super High Performance Diesel (SHPD) engine oil specifically selected to meet the demands required of today's lubricants for fishing vessels.

#### **APPLICATIONS**

Seamax Super Plus SAE 15W-40 is widely used in turbocharged and naturally aspirated diesel engines operating on marine gas oil as well as petrol units.

It gives easy cold start and efficient engine lubrication at low temperatures, as well as optimum protection at high temperatures, without increasing oil consumption.

#### **FEATURES/BENEFITS**

- Superior soot dispersancy.
- Cleaner and more efficient operation.
- Reduced maintenance.
- Excellent oil consumption control.

- Prevention against formation of harmful engine deposits.
- Excellent protection under conditions of extended drain.
- Good viscosity control.

#### **APPROVALS STATUS**

Seamax Super Plus 15W-40 meets the requirements of API-CH4 and ACEA E3/E5/B4, and can be used wherever this specification or less is listed.

#### **CARE AND HANDLING**

Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.

#### **PACKAGING AND STORAGE**

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings.

Products should not be stored above 60°C, exposed to hot sun or freezing conditions.



### PRODUCT & **TECHNICAL DATA**

TECHNICAL DATA			
<b>TYPICAL CHARACTERISTICS</b> Seamax Super Plus SAE Grade	UNIT	TEST METHOD	<b>VALUE</b> 15W-40 15W-40
Density @ 15°C	g/ml	ASTM D4052	0.890
Kinematic Viscosity @ 40°C	cSt	ASTM D445	110.5
Kinematic Viscosity @ 100°C	cSt	ASTM D445	14.4
Viscosity Index		ASTM D2270	135
Cold cranking viscosity @ -15°C	cP		3,300
Base Number	mgKOH/g	ASTM D2896	10.3
Closed Flash Point	°C	ASTM D93	195
Pour Point	°C	ASTM D97	-30

The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.

ASTM D874

1.3

% wt

#### **GENERAL ADVICE**

Further information on all Castrol Marine lubricants is available from any Castrol Marine office or from:

Castrol Marine Technology Centre Whitchurch Hill Pangbourne Reading RG8 7QR United Kingdom

www.castrolmarine.com

Sulphated ash

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