

DESCRIPTION

A new universal cylinder oil suitable for use in engines running both high and low Sulphur fuels. Its patented formulation is specially designed for the cylinder lubrication of slow speed 2-stroke diesel engines when running with fuel having a large range in level of Sulfur. The unique composition of **TALUSIA UNIVERSAL** gives to this lubricant an exceptional and perfectly adapted behavior with regard to the neutralization ability of acids generated during the fuel combustion process.

APPLICATIONS

Allowing for the most stringent conditions encountered in service, **TALUSIA UNIVERSAL** covers the special operational needs when using fuel with a sulfur level between 0.5% and 4.5%.

With **TALUSIA UNIVERSAL** no need to change to a special cylinder oil when entering in SECA's area.

With **TALUSIA UNIVERSAL** no need to store more than one cylinder oil on board.

With **TALUSIA UNIVERSAL** no need to install additional lube oil storage tanks or pipework

With **TALUSIA UNIVERSAL** no need to train crew on correct switch over procedure

PROPERTIES

This lubricant ensures:

- minimal piston ring and liner wear
- maximum cleanliness.
- reduced engine maintenance costs.
- extended periods between overhauls.

APPROVALS

TALUSIA UNIVERSAL satisfies the requirements and recommendations of the engine manufacturers.

CHARACTERISTICS

CHARACTERISTICS	METHODS	UNITS	TALUSIA UNIVERSAL
S.A.E. Grade			50
Density at 15 °C	ISO 3675	kg/m ³	930
Kinematic viscosity at 100 °C	ISO 3104	mm ² /s	19
Flash Point (COC)	ASTM D 92	°C	> 230
Pour Point	ISO 3016	°C	- 9
BN	ASTM D 2896	mgKOH/g	57

Characteristics of this chart are indicative typical values

HANDLING, HEALTH AND SAFETY

TALUSIA UNIVERSAL consists of highly refined mineral oils with specific additives.

In normal conditions of use, these lubricants present no particular toxic hazard.

All lubricants, of any kind, should always be handled with great care, particularly avoiding any contact with the skin.

Prevent any risk of splashing, and keep away from combustible materials.

Store under cover and away from any risk of contamination.

A safety data sheet complying with current legislation is available on [www. quickfds.com](http://www.quickfds.com) or www.lubmarine.com.

The values shown above are typical values at the date of publication. TOTAL Lubmarine reserves the right to change these typical values without prior notice.



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