



Shanghai PingYiao Trading CO., Ltd.

TALUSIA UNIVERSAL

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.

Recommended Uses

Allowing for the most stringent conditions encountered in service **TALUSIA UNIVERSAL** covers the special operational needs when using fuel with 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 pipe work. With **TALUSIA UNIVERSAL** no need to train crew on correct switch over procedure.

Properties

This lubricant ensures:

Minimal piston ring and liner wear and maximum cleanliness.

Reduced engine maintenance costs extending periods between overhauls.

Approvals

TU satisfies the requirements of the manufacturers:

- **MAN B&W two-stroke diesel engines.**
- **Wärtsilä and Sulzer two-stroke diesel engines.**

Technical properties

	UNITS	METHOD	VALUE
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Grade SAE			50
Density at 15≥C	g/cm ³	ASTM D 4052	0,930
Viscosity at 100≥C	cSt	ASTM D 455	19
Flashing point, open cup	≥C	ASTM D 92	230 min
Pour point	≥C	ASTM D 97	-9
T. B. N.	mg KOH/g	ASTM D 2896	57

Available in

Bulk and 185 Kg. Drums.

Hazard Identification

This product is not classified as toxic or hazardous under current legislation.

Handling

Certain minimum precautions to avoid prolonged contact with the skin should be taken when handling. The use of gloves, visors or masks is recommended in order to avoid splashes

Health and safety hazards

Inhalation: Minimum risk of inhalation as it is a non-volatile product.

Ingestion: Does not provoke vomiting. Drink water. Seek medical assistance.

Contact with Skin: Wash with abundant water and soap.

Eyes: Wash with abundant water.

General measures: Seek medical assistance.

Fire fighting measure

No special measures are required.

Fire control: Foams, dry chemicals, CO₂, water spray. Do not apply water jet directly as this may cause the product to spread.

Environmental precautions

Danger of physical contamination in the case of spillage (water flows, coastal areas, the ground, etc.) due to its floating capacity and oily consistency which may

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cause damage to fauna and flora with which it comes into contact. Avoid its penetration into water containers or outlets.

Decontamination and cleaning: Treat as an accidental oil spillage. Avoid spreading by using mechanical barriers and eliminate using both physical and chemical means.

Unless otherwise specified, the values cited in technical characteristics should be considered typical.