

## DESCRIPTION

Marine oils with very high safety margins especially formulated for the cylinder lubrication of slow speed 2 stroke crosshead Diesel engines.

## APPLICATIONS

Allowing for the most stringent conditions encountered in service, this full range of lubricants covers all operational needs.

- **TALUSIA HR 70** (SAE 50, BN 70): the most widely used lubricant for engines operating on intermediate or heavy fuels with a high sulphur level.
- **TALUSIA HR 80** (SAE 50, BN 80): lubricant to be used when a very high safety margin is demanded.
- **TALUSIA HR 6085** (SAE 60, BN 85): reserved for conditions where the additional safety margin provided by a high viscosity and high BN lubricant is required.

## PROPERTIES

This lubricant assures :

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

## APPROVALS

Lubricants of the **TALUSIA HR** range satisfy the requirements and recommendations of the major engine manufacturers. They have proved their worth in thousand of engines working under widely diverse operating conditions.

## CHARACTERISTICS

CHARACTERISTICS	METHODS	UNITS	TALUSIA HR		
			70	80	6085
S.A.E. Grade			50	50	60
Density at 15 °C	ISO 3675	kg/m <sup>3</sup>	940	940	950
Kinematic viscosity at 100 °C	ISO 3104	mm <sup>2</sup> /s	1420	20	24.5
Flash Point (COC)	ASTM D 92	°C	> 230	> 230	> 230
Pour Point	ISO 3016	°C	- 9	- 9	- 9
BN	ASTM D 2896	mgKOH/g	70	80	85

Characteristics of this chart are indicative typical values

## *HANDLING, HEALTH AND SAFETY*

The **TALUSIA HR** range of lubricants 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](http://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.



TOTAL LUBRIFIANTS  
562 avenue du Parc de l'Île – 92029 Nanterre Cedex  
Tel.: 33.1.41.35.59.23 – Fax: 33.1.41.35.20.92  
[www.lubmarine.com](http://www.lubmarine.com) - [rm.tma-diagomarplus@total.com](mailto:rm.tma-diagomarplus@total.com)

LUBMARINE 12/3GB - 1006