

The background of the advertisement is a photograph of a large cargo ship at sea during sunset or sunrise. The sun is low on the horizon, creating a bright, golden glow and a long, shimmering reflection on the dark blue water. The ship is silhouetted against the bright sky. In the foreground, the dark hull and rigging of another ship are visible, framing the scene.

# MARINE LUBRICANTS





**PRISTA OIL HOLDING EAD**  
**PROVIDING COMPLETE SOLUTIONS TO**  
**OUR CUSTOMERS AND PARTNERS**

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MARINE OILS & GREASES PRODUCT CATALOGUE

# Quality Control



**Prista Oil's Technology Center** brings together the teams of Laboratory and R&D Department experts - qualified professionals with engineering education.

The testing laboratory located within the Lubricant Blending Plant in Ruse has been gaining experience in the field of lubricants testing for more than 20 years.

Having the finest testing, controlling and measuring equipment, it is one of the most modern European laboratories.



### **Accreditation and certification:**

The lab is certified according to BDS EN ISO/IEC 17025:2018 standard

Member of Metrologists Union of Bulgaria, the Bulgarian Institute for Standardization and the American Institute for Standardization ASTM.

### **The Company is certified in accordance with the following standards:**

**ISO 14001:2015**

**ISO 45001:2018**

**ISO 9001:2015**

**NATO AQAP 2110**

**PRODUCT****PRISTA® MARINE C****APPLICATION**

Marine oils with TBN of 7 mg KOH/g for the lubrication of low speed crosshead marine engines and some auxiliary mechanisms and units such as stern tubes, gear drives, transmissions and other deck equipment.

Formulated in three SAE viscosity grades: 20, 30 & 40.

**IMPORTANT:** PRISTA® MARINE C oils are not fit for the lubrication of trunk piston diesel engines.

**PRISTA® MARINE D**

Marine oils with TBN of 12 mg KOH/g for the lubrication of main and auxiliary medium speed trunk-piston engines burning distillate fuels with up to 1.5% sulphur. They are good for the lubrication of engines of fishing vessels and passenger ships. Also, suitable for the lubrication of geared transmissions, variable pitch propellers, oil-filled stern tubes, used with medium speed engines.

Formulated in three SAE J300 viscosity grades: 30, 40 & 50.

### PRODUCT

#### **PRISTA® MARINE DS**

### APPLICATION

Marine oils with TBN of 15 mg KOH/g intended for the lubrication of main and auxiliary medium speed trunk-piston engines burning distillate fuels with up to 2.0% sulphur. They are also fit for some other ship-board applications and marine engine reduction gears without any special demand to the lubricating oil.  
Formulated in three SAE J300 viscosity grades: 30,40&50.

#### **PRISTA® MARINE S**

Marine oils with TBN of 30 mg KOH/g for the lubrication of main and auxiliary medium speed trunk-piston engines burning residual fuels with up to 3% sulphur. They are also suitable for the lubrication of geared transmissions, variable pitch propellers and oil-filled stern tubes.  
Formulated in two SAE J300 viscosity grades: 30&40.

**PRODUCT****PRISTA® MARINE ST****APPLICATION**

Marine oils with TBN of 40 mg KOH/g for the lubrication of main and auxiliary medium speed trunk-piston engines burning residual fuels containing more than 3% sulphur. They can also be used in industrial stationary diesel engines and for the lubrication of the reduction gears of ship engines and some on-board equipment and machinery without any special lubricant demands.

Formulated in two SAE J 300 viscosity grades: 30 & 40.

**PRISTA® MARINE CM**

Cylinder oil, developed for centralized forced lubrication of the cylinders of low-speed high output crosshead diesel engines, burning heavy residual fuels.

Formulated in only one SAE J 300 viscosity grade: 50.



### PRODUCT

#### **PRISTA® SHPD VDS-3**

### APPLICATION

Multigrade mineral oil designated for use in diesel engines naturally aspirated or turbocharged in commercial trucks, buses, light duty vehicles, off- road, construction, mining and agricultural machines and equipment and marine diesel engines. Especially developed to ensure good performance in many engines with EGR systems, in most engines with CSR systems and in engines without diesel particulate filters (DPFs).

The high alkalinity of the oil makes it suitable for use in regions where diesel fuels have higher Sulphur content.

Formulated in only one SAE viscosity grade: 15W-40.

## HYDRAULIC OILS

#### **PRISTA® MHV**

Hydraulic oils for use in severely loaded hydrostatic hydraulic systems subjected to different and widely varying in the range from minus 30°C to +100°C both ambient and working temperatures. These oils are suitable for application in hydraulic systems equipped with hydraulic vane pumps, hydraulic gear pumps and hydraulic piston units.

Formulated in the following ISO viscosity grades: 15, 32, 46, 68, 100, 150.

## PRODUCT

### PRISTA® MVK-2

## APPLICATION

The compressor oils PRISTA® MVK-2 are developed for lubrication of piston type compressors, equipped with circulating or mixed type lubricating systems demanding oils of high oxidation stability, enhanced lubricating properties, R&O protection and output air temperatures up to 140°C, in some cases depending on compressor type and working conditions up to 220°C output air temperature.

The compressor oils PRISTA® MVK-2 are designated to lubricate rotary (vane and screw) type compressors with low and medium output capacities, and output air pressures lower than 1500 kPa (15bar) and output air/oil temperatures up to 100°C.

Formulated in the following ISO viscosity grades: 68, 100..

## INDUSTRIAL GEAR OILS

### PRISTA® ROLON

The industrial gear oils PRISTA® ROLON are developed for the lubrication of heavily loaded industrial gear drives operated at normal, medium and elevated stabilized oil temperatures. PRISTA® ROLON oils are designated for the lubrication of heavily loaded closed gear boxes with straight and spiral bevel gears, spur gears, hypoid gears, worm gear drives.

Formulated in the following ISO viscosity grades: 68, 100, 150, 220, 320, 460.

**PRODUCT****PRISTA® TPS****APPLICATION**

Premium quality turbine oil formulated with a special selection of lube base stocks blended with a highly efficient ash-free additive package designated for the lubrication of steam, water and gas turbines. Possess excellent oxidation stability (> 700 hours RBOT) and good anti-wear properties and ensure anti-corrosion protection. Formulated in the following ISO viscosity grades: 32, 46.

**PRISTA® TPX**

Top quality turbine oil for the lubrication of steam and gas turbines, operated under high loads and extreme temperatures. They are especially designed for the lubrication of gas turbines and compressor units with a common (combined) lubricating systems. The oxidation stability of these oil according to ASTM D2272 is over 1000 hours thanks to the special type of base oils used in their formulation. Ensures dependable corrosion protection in the presence of sea water. Formulated in only one ISO viscosity grade: 68

**PRODUCT****PRISTA® CS COMPLEX EP 2 /1.5****APPLICATION**

High performance heavy duty lubricating greases, based on calcium sulfonate complex thickener system and severely hydro-treated mineral base oil of high viscosity. A unique structure of calcium sulfonate complex thickener provides very high dropping points, extraordinary anti-wear performance and extreme pressure properties, excellent mechanical stability, good rust protection and superior water washout and water spray-off resistance.

**Prista® CS Complex EP** greases are specially formulated for lubrication of heavily loaded bearings operating at elevated temperatures in the steel industry. They are also suitable for other heavy-duty applications, including marine applications, mining, quarries, cement and paper industry, agriculture and forestry, construction equipment.

Designed for work under the most severe conditions: extremely high and shock loads, elevated temperatures, in dirt and in wet environment.

The very high dropping point ensures operating temperature range from -25°C up to 180°C.



### PRODUCT

#### **PRISTA® K-2-G**

\*also available in NLGI 1

### APPLICATION

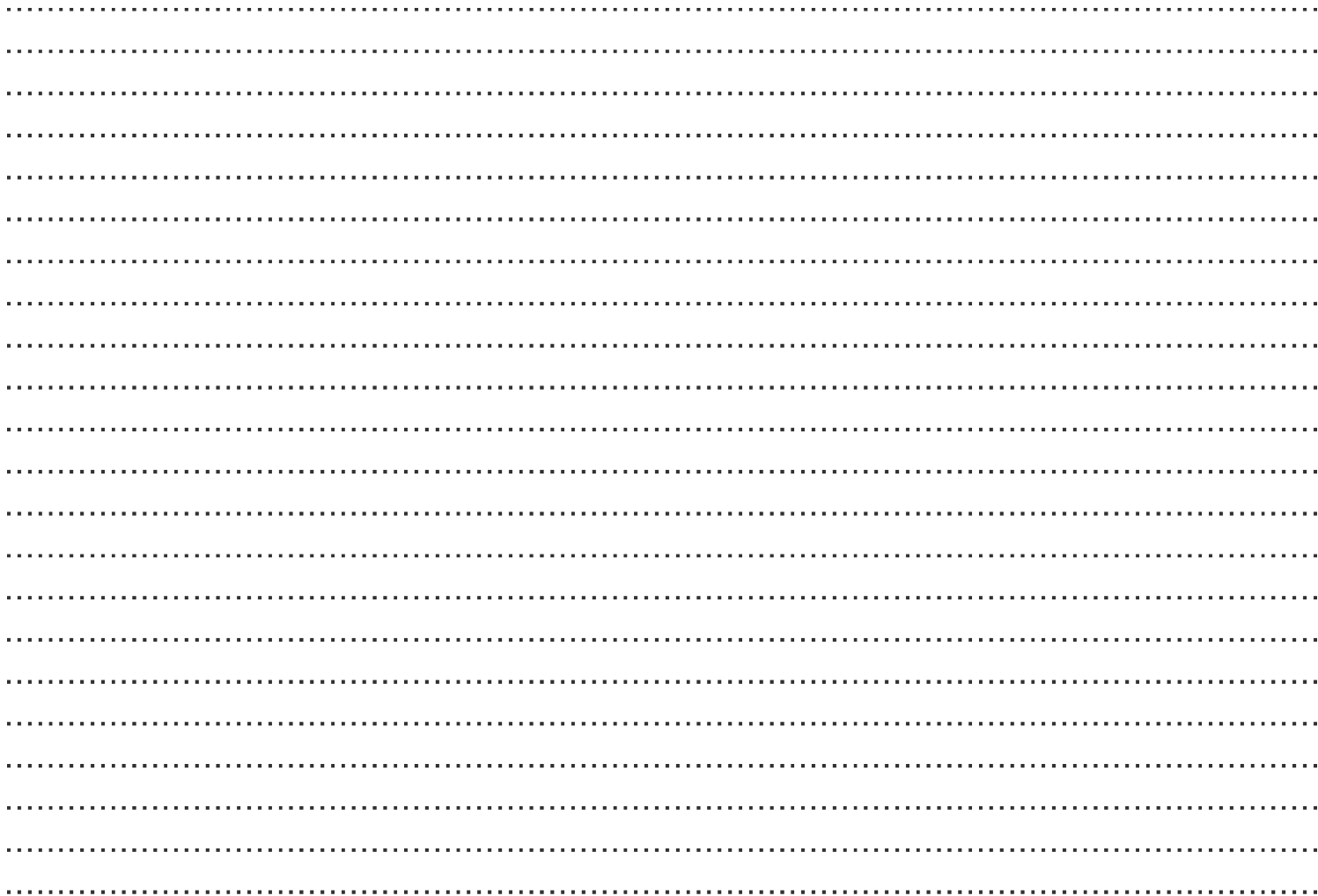
Calcium soap based multipurpose water resistant grease containing dry lubricants including graphite. Very good resistance to shock loads. Suitable for application in heavily loaded, slowly moving mechanisms with operating temperatures up to 60°C.

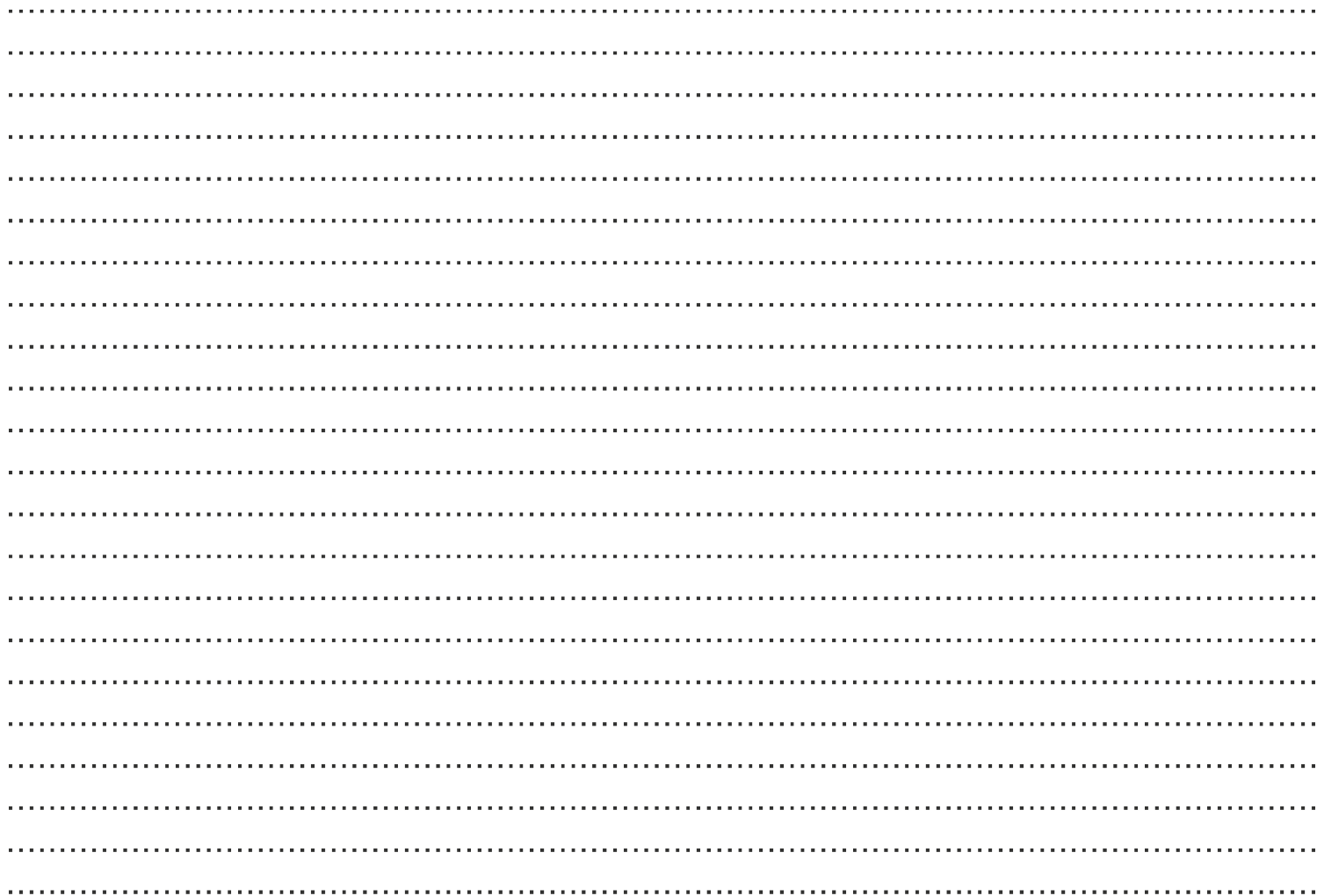
This cost effective robust grease has very high resistance to water washout, even for shock loads, and good resistant to vibrations; with operating temperatures ONLY up to 60°C

#### **PRISTA® K-3**

\*also available in NLGI 1 and NLGI 3

Reliable and cost effective NLGI 3 multipurpose calcium soap thickener grease. Provides good water resistance for mild load operations with working temperatures below 60°C and has very high resistance to water washout.







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This edition replaces and supersedes all previous editions and information contained therein.