



■ Marine

■ Lubricants

 **Castrol**
Marine
Dedication you can rely on

castrolmarine lubricants

product range

Crosshead Engine - Crankcase Oil

Castrol CDX 30 (SAE 30) BN 5

This oil is formulated from high quality base oils with the addition of an alkaline reserve to safeguard against acid attack and the higher temperature experienced with oil cooled pistons. It has excellent water separating properties (although water washing is not necessary) and it is approved by all major builders of Slow Speed Crosshead Engines. It can also be used in certain ancillary equipment. This includes turbochargers, gearboxes, air compressors, steering gears and oil filled stern tubes.

Cylinder Oils

Castrol Cyltech 80 AW (SAE 50) BN 80

Castrol Cyltech 80 AW improves on and supersedes Cyltech 80. Specifically developed for today and future slow speed engines, it is eminently suitable for the cylinder lubrication of all types of crosshead engines operating on today typical high sulphur residual fuel. Castrol Cyltech 80 AW builds on the successful formulation of its predecessor (well known for its higher BN of 80 and its patented anti-wear technology) and now offers further improved protection against wear and scuffing.

Castrol Cyltech 70 (SAE 50) BN 70

Castrol Cyltech 70 supersedes and replaces Castrol S/DZ 70. Developed to provide superior performance at the higher temperatures and pressures in modern engines, it is suitable for the lubrication of the latest super long-stroke crosshead engines, and indeed for all slow-speed marine diesel engines burning residual fuels.

Trunk Piston Engine - Heavy Duty Oils

Castrol MHP 153 (SAE 30) BN 15

Castrol MHP 154 (SAE 40) BN 15

Castrol MHP exceeds the API CF specification, offering enhanced detergency, excellent thermal and oxidative stability and enhanced performance at high temperatures. This product also exhibits high load carrying capabilities and superior gear performance that enables it to be used as a common oil for both engine and transmission systems.

Trunk Piston Engine - Heavy Duty Oils (con't)

Castrol MLC 40 (SAE 40) BN 12

The diesel detergency performance of MLC surpasses the requirements for API-CD. Oxidation and thermal stability is excellent.

Castrol TLX Plus 203 (SAE 30) 20 BN

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Castrol TLX Plus 303 (SAE 30) 30 BN

Castrol TLX Plus 304 (SAE 40) 30 BN

Castrol TLX Plus 403 (SAE 30) 40 BN

Castrol TLX Plus 404 (SAE 40) 40 BN

Castrol TLX Plus series is the reformulated range of high performance modern lubricants for trunk piston engines operation on various grades of residual fuel. This series supercedes the previous TLX series by incorporating a unique formulation of additive technology systems that overcomes the adverse conditions seen in low oil consumption engines. Designed to exceed current and future engine requirements, Castrol TLX Plus series offers significant performance enhancements and provides operators with greater safety margin in operation. This series exceeds API CF specification and holds approval from all the major engine builders.

Gear Oils

Castrol Alpha SP68 KV40°C 68cSt

Castrol Alpha SP100 KV40°C 100cSt

Castrol Alpha SP150 KV40°C 150cSt

Castrol Alpha SP220 KV40°C 220cSt

Castrol Alpha SP320 KV40°C 320cSt

The Castrol Alpha SP range of gear oils are formulated from high quality mineral base oils containing sulphur-phosphorus compounds to impart anti-wear and extreme pressure properties. They also have excellent thermal stability and oxidation resistance and meet the most stringent requirements of modern gear lubrication. They have good demulsification characteristics and low foaming tendencies whilst providing good rust and corrosion protection of metal surfaces

castrolmarine lubricants product range

Turbine Compressor Oils

Castrol Perfecto T 68 KV40°C 64cSt

Castrol Perfecto T 100 KV40°C 96cSt

The Castrol Perfecto T range of turbine oils are produced from high quality base oils whose natural oxidation resistance is further enhanced by the addition of anti-oxidants. They give full protection against rusting by the inclusion of corrosion inhibitors and they have excellent demulsibility properties.

The Castrol Perfecto T oils are approved by major manufacturers of main propulsion and auxiliary turbines and they may also be used in exhaust gas turbochargers and certain hydraulic applications.

Castrol Aircol PD 68 KV40°C 68cSt

Castrol Aircol PD 100 KV40°C 100cSt

The Castrol Aircol PD range of compressor oils are designed to cope with the high temperature and load capacities experienced in the modern compressor unit and are approved by all the leading compressor manufacturers. Castrol Aircol PD lubricants have excellent resistance to oxidation, giving superior protection against rusting and corrosion and have minimum carbonization characteristics resulting in minimal fire and explosion risks.

Refrigeration Oils

Castrol Icematic 299 KV40°C 56cSt Floc Point-48°C

This high quality mineral oil is intended for use in systems where Freon 22 is the refrigerant and where evaporator temperatures below -6°C can be encountered. They are approved to Carrier Specification PP33/6-2.

Hydraulic Oils

Castrol Hyspin AWH-M 15 KV40°C 15cSt VI 150

Castrol Hyspin AWH-M 32 KV40°C 32cSt VI 150

Castrol Hyspin AWH-M 46 KV40°C 46cSt VI 150

Castrol Hyspin AWH-M 68 KV40°C 68cSt VI 150

Castrol Hyspin AWH-M 100 KV40°C 100cSt VI 150

The Castrol Hyspin AWH-M range of anti-wear hydraulic oils have excellent resistance to oxidation, corrosion, foaming and wear but in addition they incorporate a shear stable polymer to increase the viscosity index. This makes them more suitable for high temperature applications and for use in deck machinery which is subject to widely varying temperature conditions.

Stern Tube Oils

Castrol Coral 2 KV40°C 222cSt

The Castrol Coral stern tube oils are compounded mineral oils, which will emulsify readily with water giving a stable high viscosity emulsion with good rust protection. They are suitable for use in stern tubes employing a wide range of seals.

Greases

Castrol Spheerol LMM

This lithium based grease contains molybdenum disulphide to enhance its load carrying abilities and give exceptional anti-seize properties for extremely severe applications, and with a worked penetration of 280. It is particularly suitable for lubricating Sulzer RD rotary exhaust valves.

castrolmarine synthetic & specialist fluids product range

Turbocharger & Compressor Lubricants

Castrol Aircol SR 46

Castrol Aircol SR 68

Castrol Aircol SR is a range of polyalphaolefin-based synthetic compressor oils, using an advanced additive system to enhance thermal and oxidation stability and reduce component wear. These products are intended for use in marine turbochargers and rotary compressors, where they will provide significant in-service benefits when compared with other mineral and synthetic based lubricants. Castrol Aircol SR 68 is approved as a special Low Friction Synthetic Oil by ABB Turbo Systems Ltd and is therefore required in certain ABB VTR 4 series turbochargers.

Castrol Aircol SN 68

Castrol Aircol SN 100

Castrol Aircol SN compressor lubricants are formulated using quality synthetic ester base stocks with an additive system designed to enhance thermal and oxidation stability and reduce component wear. These products are primarily intended for use in reciprocating air compressors and turbochargers where they will provide significant in-service benefits when compared with mineral based lubricants.

Gear Lubricants

Castrol Alphasyn HG 100

Castrol Alphasyn HG 150

Castrol Alphasyn HG 220

Castrol Alphasyn HG 320

Castrol Alphasyn HG* gear oils are synthetic based, high performance lubricants formulated from polyalphaolefins that provide superior benefits in performance for gear and bearing applications. Castrol Alphasyn HG is particularly suited where machinery is operating at high temperatures and loads. Castrol Alphasyn is fully compatible with mineral oils and all standard seal, paint and hose materials.

* replaces Castrol Alphasyn T range

Refrigeration Oils

Castrol Icematic 2284

Castrol Icematic 2285

The Castrol Icematic 228 series are refrigerator compressor fluids formulated from selected alkylbenzene base stocks suitable for use in refrigeration systems with very low evaporator temperatures.

Castrol Icematic SW 32

Castrol Icematic SW 68

Castrol Icematic SW 100

The Castrol Icematic SW series is a range of synthetic refrigerator compressor fluids formulated from a new type of polyolester base stock. They are specifically designed for use with refrigeration systems using the new environmentally friendly refrigerants including R134a, R404A, R407C and R410A.

In addition, the Icematic SW series is also suitable for use in most systems using refrigerant R12 and R22.

Castrol Marine Greases

Castrol Spheerol SX2

Castrol Spheerol SX2 is a high performance multi-purpose calcium sulphonate complex base grease, specifically designed to provide a tenacious resilient coating, throughout the wide range of operating conditions experienced in marine and offshore applications.