

# ONLY CASTROL HAS THE TECHNOLOGY INSIDE

AT CASTROL, WE KNOW THAT THE PERFORMANCE OF YOUR BUSINESS DEPENDS ON THE PERFORMANCE OF OUR LUBRICANTS.

We believe you cannot compromise on industrial lubricants and greases – which is why you should demand **CASTROL TECHNOLOGY INSIDE**.

We have the knowledge to help you select and apply the product technology that positively impacts performance, life time and productivity of your machines.

Global expertise, the latest thinking, the most advanced technologies, the highest quality ingredients... all are utilised in our leading edge products that are specifically designed to deliver what you seek.

# THE CASTROL RANGE OF INDUSTRIAL LUBRICANTS FROM A-Z

AGRI ULTRA	ILOCUT 154	PERFECTO HT 5
AIRCOL 266	ILOCUT 170	PERFECTO SN
AIRCOL 299	ILOCUT 402	PERFECTO T
AIRCOL AMS 68	ILOCUT 482	PERFECTO TR IN
AIRCOL MR	ILOCUT 534	PERFECTO TR RC
AIRCOL PD	ILOCUT PN 135	PERFECTO X
AIRCOL SN	ILOFORM PL 6	PERFECTO XEP
AIRCOL SR	ILOFORM PN 223	PERFORMANCE BIO HE 32 TG
ALMAREEDGE BI	ILOFORM PN 224	PREMIUM HEAVY DUTY
ALPHA SP	ILOFORM PN 400	RED RUBBER GREASE
ALPHA TT	ILOFORM PS 200	SPHEEROL AP 3
ALPHA WT	ILOFORM TDN 81	SPHEEROL BTX
ALPHASYN EP	MAGNA CH 150	SPHEEROL EPL
ALPHASYN HTX	MAGNA CL	SPHEEROL HTB
ALPHASYN OG	MAGNA CTX	SPHEEROL LMM
ALPHASYN PG	MAGNA RD	SPHEEROL LYT 1
ALPHASYN T	MAGNA SW 32	SPHEEROL PH GREASE
ANVOL AE 5/95	MAGNA SW D	SPHEEROL SBX
ANVOL PE 46 XC	MINE GREASE	SPHEEROL SY
ANVOL SWX 68	MOLUB-ALLOY 6040/150	SPHEEROL ULTRATAK 2
ANVOL WG 46	MOLUB-ALLOY 6040/460-1 1/2	TRIBOL GR
BRAYCO MICRONIC 756	MOLUB-ALLOY 777-1 ES	TRIBOL GR 3020
BRAYCOTE INERTOX 2	MOLUB-ALLOY 777-2 ES	TRIBOL GR 4020
DURATEC A	MOLUB-ALLOY BH 47/1600-1.5	TRIBOL GR HT 2
DURATEC HPL	MOLUB-ALLOY BRB 572	TRIBOL GR 100 PD
DURATEC L	MOLUB-ALLOY GM 969	TRIBOL GR XT 2 HT
DURATEC M	MOLUB-ALLOY OG 8031/2200	TRIBOL HM 943
DURATEC MX	MOLUB-ALLOY OG 9000	VISCOGEN KL 300
DURATEC XPL	MOLUB-ALLOY OG 936 SF HEAVY A	
HONILO 980	MOLUB-ALLOY OG-RI COMPOUND	
HYSOL MB 50	MOLUB-ALLOY WR 1000	
HYSOL X	MOLUB-ALLOY WR 921	
HYSPIN AWH	MOLUB-ALLOY WRL 119	
HYSPIN AWH-M	OPTIGEAR BM	
HYSPIN AWS	OPTIGEAR SYNTHETIC	
HYSPIN HDH	OPTIGEAR SYNTHETIC 800	
HYSPIN SPINDLE OIL E5	OPTILEB GT	
HYSPIN VSH 3000	OPTILEB WOM	
HYSPIN ZZ	PERFECTO HT 12	



# CASTROL RANGE OF INDUSTRIAL LUBRICANTS

THE TECHNOLOGY INSIDE

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IT'S MORE THAN JUST OIL. IT'S LIQUID ENGINEERING.



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# THE CASTROL RANGE OF INDUSTRIAL LUBRICANTS

AT CASTROL, WE OFFER YOU A COMPREHENSIVE RANGE OF WORLD-CLASS LUBRICANTS AND GREASES WHICH DELIVER THE PERFORMANCE YOU NEED IN A FULL RANGE OF APPLICATIONS, INCLUDING THE MOST DEMANDING AND CAPITAL INTENSIVE, WHERE LEADING EDGE LUBRICATION TECHNOLOGY IS REQUIRED.

WE CAN HELP MAKE SURE YOUR EQUIPMENT RUNS RELIABLY, EVEN IN DIFFICULT AND SOMETIMES HOSTILE ENVIRONMENTS, AND FOR LONG PERIODS OF TIME – GIVING YOU IMPROVED PRODUCTION EFFICIENCY.

## OILS

We can supply you with a comprehensive range of lubricants fully capable of providing protection for your equipment, improving productivity while reducing overall costs. To meet the various needs of industries and applications, our lubricants are produced from mineral or synthetic base oils, combined with additives covering standard to extreme operations.

The lubricants are available in various viscosities needed depending on the equipment type. Our product line enables you to choose the best product to suit your exact needs from the categories listed.

### GEAR OILS

We provide a broad selection of both mineral and synthetic gear oils, covering the requirements of everything from standard industrial to the most severe applications, including wind turbines. These products have been designed to operate in a wide variety of gear types.

### CHAIN OILS

Our high-performance chain lubricants are designed to suit difficult environmental conditions such as high temperatures, dusty environments, wet and corrosive applications

### HYDRAULIC OILS

Large range of hydraulic oils meeting industry wide specifications and manufacturers specifications such as DIN 51524, ISO 6743, Denison, Eaton, Bosch Rexroth. Range covers wide ranging needs including biodegradability, high viscosity index, anti-wear properties and protection against rust and oxidation.

### FIRE RESISTANT HYDRAULIC FLUIDS

Fire resistant hydraulic fluids range including Water Glycol (HFC) types – providing good anti-wear performance demonstrated by low pump wear rates and excellent fire resistance properties Polyol Esters and Phosphate esters (HFD) for applications requiring a high degree of wear protection and good fire resistance and emulsion type (HFA) offering the highest fire protection.

### SLIDEWAY LUBRICANTS

Our slideway lubricants are formulated to provide excellent lubricity, preventing stick-slip of slideways, as well as good load carrying capacity, which reduces wear of highly loaded slideways.

### CIRCULATING OILS

For a variety of applications such as the lubrication of bearings, spindles and, using the heavier viscosity grades, moderately loaded gearboxes. Also includes grades designed specifically to satisfy the critical lubrication requirements of major rolling mill manufacturers and those grades used in paper manufacturing.

### COMPRESSOR OILS

Products designed for rotary screw and reciprocating compressors, ranging from small single units to very large capacity, multi-stage configurations. Depending on the application, fluid selection can be based on mineral or synthetic fluids and for standard or high performing criteria.

### SPINDLE OILS

Our spindle oils are highly effective in lubricating spindle bearings, protecting them from tribological processes and wear that cause machine failures. Our key objective is to enable the spindle to rotate with minimum vibration, deflection, wear and temperature increase.

### SOLUBLE CUTTING OILS

High Performance Soluble cutting oils designed to help you reduce coolant use and meet your machining needs.

### SYNTHETIC CUTTING FLUIDS

Fully Synthetic cutting fluids designed to enhance component quality, increase productivity and reduce process costs.

### NEAT CUTTING AND GRINDING OILS

World-class, High Performance Neat cutting and Grinding oils designed to help you increase productivity and performance, and meet your machining needs.

### BIODEGRADABLE OILS

Castrol has a range of biodegradable oils based on Natural and Synthetic Esters for various applications.

### GAS ENGINE OILS

Advanced gas engine oil range designed to extend oil change intervals, exhibiting excellent oxidation and thermal resistance reducing carbon formation, varnishing and corrosion. Approved by major OEMs with many hours of running experience.

### TURBINE OILS

Range of oils for steam and gas turbines conforming to industrial specifications as well applications involving Ammonia compressors.

### TRANSFORMER OILS

Transformer, switchgear and circuit breaker oils which conform to the international specification IEC 60296:03.

### STREAM RECIPROCATING OILS

For lubrication of steam engine cylinders, valves and cylinder lubrication in reciprocating type gas compressors.

### HEAT TRANSFER OILS

Range of oils for enclosed heat transfer systems with high thermal stability, resistance to oxidation and low volatility for systems requiring mineral, synthetic or food grade based oils.

### REFRIGERATION OILS

Range of refrigeration oils for systems running on R22 or Ammonia.

### WIRE ROPE OILS

Wire rope lubricant with excellent wetting and penetration to rope inner surfaces with exceptional coverage and protection to outer surfaces. Used mainly in mining on dragline hoist and drag ropes, shovel hoist and crowd ropes, winder and guide suspension cables and crane hoist ropes.

## GREASES

We can supply you with a comprehensive range of greases fully capable of providing protection for your equipment, improving productivity while reducing overall costs.

To meet the unique needs of industries and applications, our greases are made from mineral or synthetic base and combined with unique thickeners and additive packages. Our product line enables you to choose the best product to suit your exact needs.

Castrol greases are available in various NLGI and viscosity grades. Our product line enables you to choose the best product to suit your exact needs from the following categories:

### MULTI-PURPOSE HIGH PERFORMANCE

Multi-purpose High Performance greases have gained an excellent track record in many industries and in the most severe applications, bringing you increased security and peace of mind. These products offer a number of key advantages over conventional ones, including excellent load carrying ability, friction reduction characteristics, mechanical stability and oxidation/thermal resistance.

### MULTI-PURPOSE

Multi-purpose range of greases provide reliable performance for a wide variety of applications. The multi-purpose range is designed for use in plain and rolling element bearings and exhibits good mechanical stability, adhesion, water resistance, corrosion resistance and wear protection for good all-round performance.

### HIGH TEMPERATURE

High temperature greases have been designed for the most severe conditions. They are thermally stable, providing long re-lubrication intervals at maximum operational reliability. These greases have outstanding oxidation and thermal stability, corrosion protection, resistance to water washout, wear protection and mechanical stability.

### OPEN GEAR GREASES

Castrol's open gear greases are available for lubrication of non-enclosed gears. The open gear greases are designed to meet the operational conditions of the gear drives. The range utilizes technologies suited for the Type 1 (reversing) and Type 2 (non-reversing) categories of gear drives. Castrol uses both a semi-dry working film (metallic soap) technology as well as a semi-fluid gel (non-soap) technology to provide you the best protection for your capital investment.