





















# HYDRAULIC SELLING GUIDE

HEAVY DUTY

DESCRIPTION	ISO	BASE OIL	BENEFITS	APPLICATION	CUSTOMER SEGMENT
 Wakefield	22, 32, 46, 68	Mineral	<ul style="list-style-type: none"> <li>✓ Good wear protection and oxidation stability</li> <li>✓ Good rust inhibiting properties</li> <li>✓ <b>Zinc/ phosphorous additive</b></li> </ul>	Suitable for high speed, high-pressure <b>vane, gear and piston pumps.</b>	 <b>COMMERCIAL</b> DIRECT, DISTRIBUTOR  <b>RETAIL</b>  <b>INDUSTRIAL</b> DIRECT, DISTRIBUTOR  <b>AUTOMOTIVE</b>
Castrol® Paradene AW	22, 32, 46, 68	Mineral	<ul style="list-style-type: none"> <li>✓ Long, dependable equipment life</li> <li>✓ Long fluid life and equipment life savings</li> <li>✓ <b>Dependable system response for consistent work yield</b></li> <li>✓ For customers who insist on a "Castrol offer"</li> </ul>	Suitable for hydraulically activated equipment that utilizes <b>high-performance pumps.</b>	 <b>COMMERCIAL</b> DIRECT, DISTRIBUTOR  <b>RETAIL</b>  <b>INDUSTRIAL</b> DIRECT, DISTRIBUTOR  <b>AUTOMOTIVE</b>
Castrol® Blue hydraulic Plus	32, 46, 68	Mineral	<ul style="list-style-type: none"> <li>✓ <b>Water tolerance</b></li> <li>✓ Thermal stability oxidation control</li> <li>✓ Safe for vane, gear and piston pumps</li> </ul>	<b>Engineered for construction</b> and mining mobile hydraulic applications.	 <b>COMMERCIAL</b> DIRECT, DISTRIBUTOR  <b>RETAIL</b>  <b>INDUSTRIAL</b> DIRECT, DISTRIBUTOR  <b>AUTOMOTIVE</b>
Castrol® Dual Range	46	Mineral	<ul style="list-style-type: none"> <li>✓ Longer equipment life</li> <li>✓ Long term trouble-free service</li> <li>✓ Less maintenance cost</li> <li>✓ <b>One viscosity for summer and winter. No need to change grades</b></li> </ul>	Suitable for hydraulically activated equipment that utilizes <b>high-performance pumps.</b>	 <b>COMMERCIAL</b> DIRECT, DISTRIBUTOR  <b>RETAIL</b>  <b>INDUSTRIAL</b> DIRECT, DISTRIBUTOR  <b>AUTOMOTIVE</b>
Castrol® Performance Bio HE TG	32	Plant-based	<ul style="list-style-type: none"> <li>✓ <b>Biodegradability</b></li> <li>✓ Low toxicity</li> <li>✓ Stay-in-grade performance</li> <li>✓ Anti-wear performance</li> </ul>	Castrol Performance Bio HE TG is formulated from vegetable oils to be more environmentally acceptable than traditional mineral-based hydraulic fluids. Since hydraulic systems are prone to leakage due to high pressures, Castrol Performance Bio HE TG is an excellent hydraulic fluid in <b>applications where leakage could cause water or soil contamination.</b>	 <b>COMMERCIAL</b> DIRECT, DISTRIBUTOR  <b>INDUSTRIAL</b> DIRECT, DISTRIBUTOR  <b>AUTOMOTIVE</b>



















## CRITICAL PROTECTION IN ALL OPERATING CONDITIONS

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## SPECIALIZED INDUSTRIAL

DESCRIPTION	ISO	BASE OIL	BENEFITS	APPLICATION	CUSTOMER SEGMENT
Castrol® Optileb HY	32, 46, 68	Synthetic PAO	<ul style="list-style-type: none"> <li>✓ NSF H1 approval for food and beverage industry</li> <li>✓ Wide temperature service</li> <li>✓ Halal and Kosher certified</li> </ul>	Hydraulic systems, oil circulating system, pumps and bearings in <b>food and beverage industry</b> .	 <b>COMMERCIAL</b> DIRECT  <b>INDUSTRIAL</b> DISTRIBUTOR  <b>AUTOMOTIVE</b>
Castrol® Anvol SWX	46, 68	Polyol ester	<ul style="list-style-type: none"> <li>✓ FM (Factory Mutual) approved</li> <li>✓ Low tendency to form varnish or sludge</li> </ul>	Hydraulic applications where there is a high risk of fire such as <b>hot strip mills, coil handling facilities, pipe mills and continuous casters</b> .	 <b>COMMERCIAL</b> DIRECT, DISTRIBUTOR  <b>INDUSTRIAL</b> DIRECT, DISTRIBUTOR  <b>AUTOMOTIVE</b>
Castrol® Anvol WG	46	Water glycol	<ul style="list-style-type: none"> <li>✓ HFC type hydraulic</li> <li>✓ FM (Factory Mutual) approved</li> <li>✓ High level of AW performance</li> <li>✓ High level of foam resistance</li> <li>✓ High level of low temperature flow</li> </ul>	Hydraulic systems, where, in the event of leakage, there is a significant risk of ignition such as in <b>furnace doors, die-cast machines, forging machinery, and mining equipment</b> .	 <b>COMMERCIAL</b> DIRECT, DISTRIBUTOR  <b>INDUSTRIAL</b> DIRECT, DISTRIBUTOR  <b>AUTOMOTIVE</b>
Castrol® Hyspin AWH-M	15, 32, 46, 68, 100, 150	Mineral	<ul style="list-style-type: none"> <li>✓ High VI</li> <li>✓ Very low pour point</li> <li>✓ Excellent corrosion and wear protection</li> </ul>	Designed for applications with wide temperature ranges, cold weather start-up condition and equipment with control systems requiring minimal viscosity change with temperature. Compatible with the most commonly used <b>nitrile, silicone and fluorinated seal materials</b> .	 <b>COMMERCIAL</b> DIRECT, DISTRIBUTOR  <b>INDUSTRIAL</b> DIRECT, DISTRIBUTOR  <b>AUTOMOTIVE</b>
Castrol® Hyspin AWH-M Superclean	32	Mineral	<ul style="list-style-type: none"> <li>✓ High VI</li> <li>✓ Very low pour point</li> <li>✓ Excellent corrosion and wear protection</li> <li>✓ Higher level of cleanliness</li> </ul>	Designed for applications with <b>wide temperature ranges</b> , cold weather start-up condition and equipment with control systems requiring minimal viscosity change with temperature.	 <b>COMMERCIAL</b> DIRECT, DISTRIBUTOR  <b>INDUSTRIAL</b> DIRECT, DISTRIBUTOR  <b>AUTOMOTIVE</b>
Castrol® Hyspin AWS	15, 22, 32, 46, 68, 100, 150	Mineral	<ul style="list-style-type: none"> <li>✓ Good hydrolytic and oxidative stability</li> <li>✓ Minimal tendency to sludge and deposit production</li> <li>✓ Corrosion protection for ferrous and yellow metal components.</li> </ul>	Suitable for hydraulic systems and general purpose applications requiring anti-wear including <b>bearings and lightly loaded gears</b> .	 <b>COMMERCIAL</b> DIRECT  <b>INDUSTRIAL</b> DISTRIBUTOR  <b>AUTOMOTIVE</b>

## CRITICAL PROTECTION IN ALL OPERATING CONDITIONS







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## GENERAL INDUSTRIAL

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DESCRIPTION	ISO	BASE OIL	BENEFITS	APPLICATION	CUSTOMER SEGMENT
Castrol® Hyspin HVI	32	Mineral	<ul style="list-style-type: none"> <li>✓ High VI</li> <li>✓ <b>Zinc free</b></li> <li>✓ Excellent hydrolytic stability</li> <li>✓ <b>Rapid separation from water</b></li> </ul>	Designed for applications with wide temperature ranges, cold weather start-up condition and equipment with control systems requiring minimal viscosity change with temperature. Especially <b>well suited for systems requiring zinc-free and long oil life.</b>	 INDUSTRIAL DIRECT, DISTRIBUTOR
Castrol® Hyspin Spindle Oil	2, 10, 22	Mineral	<ul style="list-style-type: none"> <li>✓ <b>Rust &amp; Oxidation</b> inhibitors</li> </ul>	Designed for use in all types of spindle and other high speed bearing applications requiring <b>R&amp;O fluid.</b>	 INDUSTRIAL DIRECT, DISTRIBUTOR
Castrol® Hyspin Spindle Oil HS		Mineral	<ul style="list-style-type: none"> <li>✓ <b>Zinc-based</b> anti-wear additives</li> </ul>	Designed specifically for <b>very high speed spindles</b> (>15,000RPM) requiring anti-wear protection.	 INDUSTRIAL DIRECT, DISTRIBUTOR
Castrol® Hyspin VG	32, 46, 100, 150	Mineral	<ul style="list-style-type: none"> <li>✓ <b>Rust &amp; Oxidation</b> inhibitors</li> </ul>	Designed for applications requiring an <b>R&amp;O turbine quality oil.</b> Suitable for low pressure hydraulic systems (not requiring AW), centrifugal compressors and vacuum pumps.	 INDUSTRIAL DIRECT, DISTRIBUTOR
Castrol® Hyspin ZZ	32, 46, 68	Mineral	<ul style="list-style-type: none"> <li>✓ <b>Zinc free</b></li> </ul>	Suitable for hydraulic systems and general purpose applications requiring anti-wear including <b>bearings and lightly loaded gears.</b>	 INDUSTRIAL DIRECT, DISTRIBUTOR
Castrol® Magna CTX	680		<ul style="list-style-type: none"> <li>✓ Formulated to <b>separate rapidly and fully from water</b>, allowing the water to be drained off with minimal loss of oil</li> </ul>	Rolling mill back up roll bearings. <b>Air-oil systems</b> and other circulating systems requiring high quality anti-wear oil.	 INDUSTRIAL DIRECT, DISTRIBUTOR

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## GENERAL INDUSTRIAL

PAGE 2 OF 2

DESCRIPTION	ISO	BASE OIL	BENEFITS	APPLICATION	CUSTOMER SEGMENT
Castrol® Performance Bio HE PBL	32, 46	Plant-based	<ul style="list-style-type: none"> <li>✓ <b>Biodegradability</b></li> <li>✓ Low toxicity</li> <li>✓ High flash point</li> </ul>	Designed for compatibility with Castrol Performance Bio cutting oils to improve conditions in situations of hydraulic leaks. Suitable for low to moderate pressure hydraulic systems with good temperature controls. <b>Not formulated for cold temperature use.</b>	 INDUSTRIAL DIRECT, DISTRIBUTOR
Castrol® Tribol CM ATO	100	Mineral	<ul style="list-style-type: none"> <li>✓ Excellent protection with a very thin film due to proprietary blend of anti-wear, <b>extreme pressure and friction modifying agents.</b></li> </ul>	<ul style="list-style-type: none"> <li>• Nut-runners</li> <li>• Torque wrenches</li> <li>• Screw drivers</li> <li>• Drills</li> <li>• Sanders</li> <li>• Chippers</li> <li>• Hammers</li> </ul>	 INDUSTRIAL DIRECT, DISTRIBUTOR
Castrol® Tribol CT 1740	320	Part synthetic	<ul style="list-style-type: none"> <li>✓ Exceptional <b>physical and chemical stability with low carbon residue</b></li> <li>✓ Excellent anti-wear</li> <li>✓ Great demulsibility</li> <li>✓ Low residue formation</li> </ul>	<ul style="list-style-type: none"> <li>• Paper machines</li> <li>• Suitable for any circulating system</li> </ul>	 INDUSTRIAL DIRECT, DISTRIBUTOR
Castrol® Tribol HM 943	22, 32, 46, 68, 100	Mineral	<ul style="list-style-type: none"> <li>✓ High degree of anti-wear</li> <li>✓ <b>High VI (viscosity index)</b></li> </ul>	Oil for circulating systems of <b>paper machines serving dryer rolls and the rolls of corrugators.</b>	 INDUSTRIAL DIRECT, DISTRIBUTOR

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