



# Mining & Construction

Brochure

**PETRONAS**  
Industrial  
Solutions

Future Focused

Mining & Construction - Our recommended products

	HYDRAULIC OIL	COMPRESSOR AIR OIL	AIR TOOL OIL	GEAR OIL	SLIDEWAY OIL	GREASE
Supreme	<p><b>PETRONAS Hydraulic ESF</b></p> <ul style="list-style-type: none"><li>⬮ Energy/Fuel-saving up to 10%/6%**</li><li>⬮ Excellent anti-wear protection</li><li>⬮ Over 5x longer oil life*</li><li>⬮ Excellent and highly stable performance over wide temperature range</li></ul>	<p><b>PETRONAS Compressor A Syn PAO</b></p> <ul style="list-style-type: none"><li>⬮ Up to 8000 hours oil life in service</li><li>⬮ Up to 3x longer oil life**</li><li>⬮ Excellent system protection against varnish and deposit formation</li><li>⬮ Excellent system protection against varnish and deposit formation</li><li>⬮ Excellent performance</li><li>⬮ Excellent performance</li></ul>				<p><b>PETRONAS Grease PUA</b></p> <ul style="list-style-type: none"><li>⬮ A polyurea (MDI) thickened lubricating grease based on mineral oil. The grease contains antioxidants, corrosion inhibitors and EP/AW additives.</li></ul>
Premium	<p><b>PETRONAS Hydraulic Plus</b></p> <ul style="list-style-type: none"><li>⬮ Excellent anti-wear protection</li><li>⬮ Over 5x longer oil life*</li><li>⬮ Excellent performance</li></ul>	<p><b>PETRONAS Compressor A M4</b></p> <ul style="list-style-type: none"><li>⬮ Up to 4 000 hours oil life in service*</li><li>⬮ High system protection against varnish and deposit formation</li><li>⬮ High performance</li></ul>		<p><b>PETRONAS Gear Syn PAO</b></p> <ul style="list-style-type: none"><li>⬮ Excellent micropitting resistance H</li><li>⬮ Low temperature protection</li><li>⬮ High viscosity index</li></ul> <p><b>PETRONAS Gear FL</b></p> <ul style="list-style-type: none"><li>⬮ Excellent micropitting, extreme pressure and anti-wear protection</li><li>⬮ Up to 1.6x longer oil life*</li><li>⬮ Excellent performance</li></ul>		<p><b>PETRONAS Grease CaSx</b></p> <ul style="list-style-type: none"><li>⬮ A Calcium Sulphonate complex grease specially developed for industrial, marine and off-road applications</li></ul> <p><b>PETRONAS Grease LiX EP 2/380</b></p> <ul style="list-style-type: none"><li>⬮ An extreme pressure Lithium complex grease specifically developed for high temperature general purpose industrial applications.</li></ul> <p><b>PETRONAS Grease CaSx 1.5/460</b></p> <ul style="list-style-type: none"><li>⬮ A Calcium Sulphonate complex grease specially developed for industrial, steel mills, paper machine, marine and off-road applications</li></ul> <p><b>PETRONAS Grease LiCa MG XHL</b></p> <ul style="list-style-type: none"><li>⬮ An extreme pressure Lithium Calcium grease with dual solid friction-reducing additives specially developed for applications requiring heavy duty grease for long-term use</li></ul>
Standard	<p><b>PETRONAS Hydraulic E</b></p> <ul style="list-style-type: none"><li>⬮ Very good anti-wear protection</li><li>⬮ High performance</li></ul> <p><b>PETRONAS Hydraulic HV</b></p> <ul style="list-style-type: none"><li>⬮ Excellent anti-wear protection</li><li>⬮ Over 3x longer oil life*</li><li>⬮ High and stable performance over wide temperature range</li></ul>		<p><b>PETRONAS ATO</b></p> <ul style="list-style-type: none"><li>⬮ Prevents detonation and carbon deposits</li><li>⬮ Excellent anti-wear protection</li><li>⬮ Low temperature protection</li></ul>	<p><b>PETRONAS Gear MEP</b></p> <ul style="list-style-type: none"><li>⬮ Excellent extreme pressure and anti-wear protection</li><li>⬮ Up to 1.5x longer oil life*</li><li>⬮ High performance</li></ul>	<p><b>PETRONAS Slideway</b></p> <ul style="list-style-type: none"><li>⬮ High anti-wear protection</li><li>⬮ Excellent separation with miscible cutting fluids</li><li>⬮ High extreme pressure protection</li></ul>	<p><b>PETRONAS Grease Li EP 2</b></p> <ul style="list-style-type: none"><li>⬮ An extreme pressure Lithium grease specially developed for multipurpose applications, lubrication of both plain and anti-friction bearings even where severe or shock loads are experienced</li></ul> <p><b>PETRONAS Tutela SP</b></p> <ul style="list-style-type: none"><li>⬮ An extreme pressure Lithium grease specially developed for automotive applications.</li></ul> <p><b>PETRONAS Grease LiX EP 2/170</b></p> <ul style="list-style-type: none"><li>⬮ An extreme pressure Lithium complex grease specifically developed for commercial vehicle applications and a wide variety of industry applications.</li></ul> <p><b>PETRONAS Grease Ca EP2</b></p> <ul style="list-style-type: none"><li>⬮ An anhydrous calcium thickened lubricating grease based on a mineral oil. The grease contains antioxidants, corrosion inhibitors and EP/AW additives</li></ul>

	ENGINE OIL		ANTI-FREEZE/COOLANT	
Supreme	<div> <div> <b>PETRONAS Urania 5000 LS 10W-40</b> <ul style="list-style-type: none"> <li>API CK-4;ACEA E6,E7,E11</li> <li>Wear Protection</li> <li>Viscosity Retention</li> <li>Extended Drain Interval</li> <li>Increased Engine Life</li> </ul> </div> <div> <b>PETRONAS Urania 5000 LSE 10W-40</b> <ul style="list-style-type: none"> <li>API CI-4;ACEA E7,E8,E11</li> <li>Extended Drain Interval</li> <li>For Low Emission Engines</li> <li>Increased Engine Life</li> </ul> </div> </div>		<div> <div> <b>Coolant LL-Si</b> <ul style="list-style-type: none"> <li>Long Life Antifreeze/Coolant with enhanced corrosion protection</li> <li>Extra Long Life Si-OAT technology</li> <li>For latest generation vehicles including hybrids</li> <li>Asian, American and European passenger cars and commercial vehicles</li> <li>Protection against overheating and freezing -38°C to 125°C*</li> </ul> </div> <div> <b>Coolant LL-T</b> <ul style="list-style-type: none"> <li>Long Life Antifreeze/Coolant with enhanced corrosion protection</li> <li>Long Life P-OAT technology</li> <li>For Japanese vehicles</li> <li>Protection against overheating and freezing -37°C to 129°C*</li> </ul> </div> </div>	
			<div> <div> <b>Coolant LL-H</b> <ul style="list-style-type: none"> <li>Long Life Antifreeze/Coolant with enhanced corrosion protection</li> <li>Long Life P-OAT technology</li> <li>For Japanese and Korean vehicles</li> <li>Protection against overheating and freezing -37°C to 129°C*</li> </ul> </div> <div> <b>Coolant LL-K</b> <ul style="list-style-type: none"> <li>Long Life Antifreeze/Coolant with enhanced corrosion protection</li> <li>Long Life P-OAT technology</li> <li>For Japanese and Korean vehicles</li> <li>Protection against overheating and freezing -37°C to 129°C*</li> </ul> </div> </div>	
Premium			<div> <div> <b>Coolant LL-G</b> <ul style="list-style-type: none"> <li>Long Life Antifreeze/Coolant with enhanced corrosion protection</li> <li>Long Life HOAT technology</li> <li>Asian, American and European passenger cars and commercial vehicles</li> <li>Protection against overheating and freezing -38°C to 125°C*</li> </ul> </div> <div> <b>Coolant LL</b> <ul style="list-style-type: none"> <li>Long Life Antifreeze/Coolant with enhanced corrosion protection</li> <li>Long Life OAT technology</li> <li>For passenger cars, commercial vehicles, agriculture and construction machineries</li> <li>Protection against overheating and freezing -38°C to 125°C*</li> </ul> </div> </div>	
	<div> <div> <b>PETRONAS Urania 3000 LS 10W-30 &amp; 15W-40</b> <ul style="list-style-type: none"> <li>API CK-4;ACEA E7,E11</li> <li>Wear Protection</li> <li>Viscosity Renterntion</li> <li>Extended Oil Life</li> </ul> </div> <div> <b>PETRONAS Urania 3000 10W-40 &amp; 15W-40</b> <ul style="list-style-type: none"> <li>API CK-4;ACEA E6,E7,E11</li> <li>Engine Cleanliness</li> <li>Long Drain Interval</li> <li>Viscosity Retention</li> </ul> </div> </div>		<div> <div> <b>Coolant</b> <ul style="list-style-type: none"> <li>Antifreeze/Coolant with corrosion protection</li> <li>Conventional technology</li> <li>For older passenger cars, commercial vehicles, agriculture and construction machineries</li> <li>Protection against overheating and freezing -38°C to 125°C*</li> </ul> </div> </div>	



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