Expert Solutions

Your progress. Our priority.

By partnering with you to solve the problems you face today and tomorrow, we can help you move ahead and develop your business. Our insight-driven services help you improve reliability, reduce your operating costs and free up your potential – all because we share your goals and priorities. Expert Solutions from PETRONAS is your secret weapon in your mission to do more, use less and grow faster. It's how our passion for progress can help take you to an exciting and more sustainable future.

Equipment

Downtime is the enemy of progress. With predictive maintenance and support for your equipment and fluids, we can identify problems before they take hold – so you can plan ahead and focus on success.

- Diagnostics Oil condition monitoring
- Fluid recommender





Operations

With so much happening in your business, it's easy to lose sight of what matters. Our Expert Solutions use tools, services and support to help you achieve greater progress more quickly – and improve efficiency while reducing operational costs.

- Fleet survey
- Fluid-i

People

With the right knowledge in your team, you can progress further, faster. That's why we work with your people to build their skills and help them work more effectively day in, day out.

• Technical training programme













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PETRONAS





Future Focused

Scan the QR code for more information



Strengthening progressive businesses from within

Modern steel industry faces enormous challenges in terms of productivity, cost reduction, and environmental sustainability, which is why quality lubricants have become an essential component. When you operate machinery continuously at high temperatures and pressures, high-quality lubricants improve the operating life of your equipment, extend maintenance intervals, and prevent unexpected breakdowns.

PPETRONAS Industrial Solutions shares the determined passion, focus and commitment of our customers to do business responsibly. Our approach to fluids is to focus on whole system performance, with bespoke fluids that protect and prolong the working life of every part of your vehicle or machine's system. Operating in state-of-the-art labs, our world-class technologists strive to develop lubricants that lead the field and earn the all-important endorsements of leading OEMs.

We're passionate about helping our customers stay focused on their progress no matter what and provide the services and support needed to overcome the challenges of today and tomorrow.

PETRONAS Industrial Solutions. Future Focused.



PETRONAS is ready for the world of tomorrow, today

PETRONAS Lubricants International (PLI) is part of the PETRONAS Group. With 10 blending plants, over 30 sales offices and products distributed in more than 90 countries worldwide, PLI's global network of over 240 scientists, technical professionals and engineers anticipate future mobility and mechanical challenges and opportunities, then research and develop advanced fluid technology solutions to meet tomorrow's challenges, today.

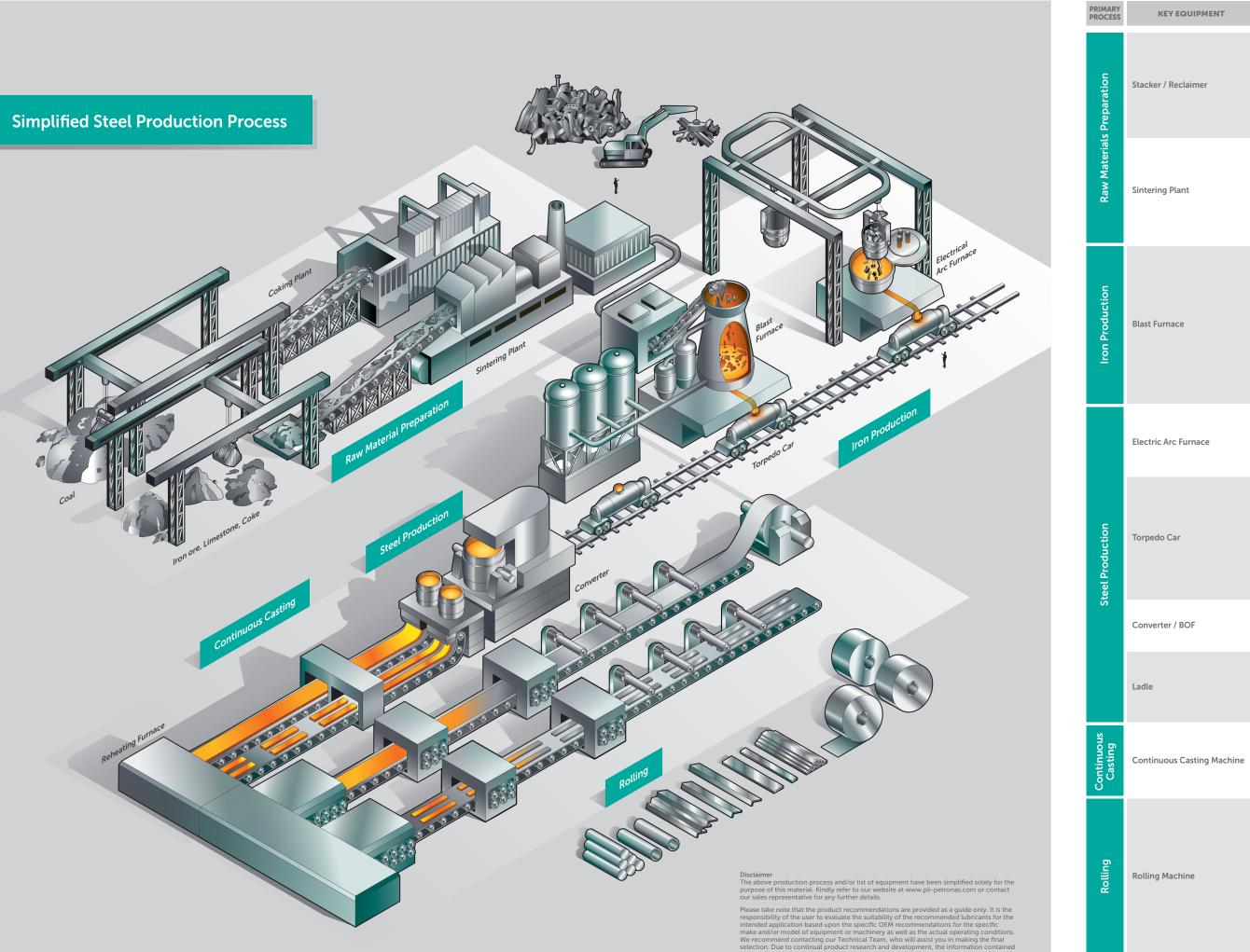


Your key to maximizing performance

With our expert knowledge and the latest advances in lubrication technologies, we have developed a comprehensive range of state-of-the-art lubricants to meet the requirements of your equipment. Contact your PETRONAS representative or visit www.pli-petronas.com to find out more.



RIMARY	EQUIPMENT	LUBRICATION PARTS	LUBRICANT	STANDARD	PREMIUM	SUPREME
Raw Materials Preparation	Breaker Screen	Bearings	Grease	PETRONAS Grease LiX EP 2/380	PETRONAS Grease CaSx	PETRONAS Grease LiX Syn 2/220
		Hydraulic System	Hydraulic Fluid	PETRONAS Hydraulic	PETRONAS Hydraulic HV	PETRONAS Hydraulic ESF
	Conveyors	Bearings	Grease	PETRONAS Grease Li EP 2	PETRONAS Grease CaSx	PETRONAS Grease LiX Syn 2/220
		Coupling	Grease	PETRONAS Grease Li 2	PETRONAS Grease PE HS	
		Electric Motor Bearings	Grease	PETRONAS Grease Li 2	PETRONAS Grease PU	
		Gearbox / Reducer	Gear Oil	PETRONAS Gear MEP ⁽²⁾	PETRONAS Gear FL	PETRONAS Gear Syn PAO
	Coke Oven	Butterfly / Actuator Valve	Grease	PETRONAS Grease LiCa GEP 2.5	PETRONAS Grease LiX MEP	PETRONAS Grease LiCa MG XHL
		Compressors	Compressor Oil	PETRONAS Compressor A M2	PETRONAS Compressor A M4	PETRONAS Compressor A Syn PAO
		Contact Bearings	Grease	PETRONAS Grease LiX EP 2/380	PETRONAS Grease CaSX	PETRONAS Grease LiX Syn 2/220
		Electric Motor Bearings	Grease	PETRONAS Grease Li 2	PETRONAS Grease PU	
		Gearbox / Reducer	Gear Oil	PETRONAS Gear MEP ⁽²⁾	PETRONAS Gear FL	PETRONAS Gear Syn PAG*
		Grease Points (Charge & Pusher Car)	Grease	PETRONAS Grease LiX EP 2/380	PETRONAS Grease CaSX	PETRONAS Grease LiX Syn 2/460
		Hydraulic System	Hydraulic Fluid	PETRONAS Hydraulic HFC	PETRONAS Hydraulic FR	
	Cone / Gyratory / Impact / Jaw / Crushers	Electric Motor Bearings	Grease	PETRONAS Grease Li 2	PETRONAS Grease PU	
		Gearbox / Reducer	Gear Oil	PETRONAS Gear MEP ⁽²⁾	PETRONAS Gear FL	PETRONAS Gear Syn PAO
		Hydraulic System	Hydraulic Fluid	PETRONAS Hydraulic	PETRONAS Hydraulic HV	PETRONAS Hydraulic ESF
		Plain Bearings (Oil)	Gear Oil	PETRONAS Gear MEP ⁽²⁾	PETRONAS Gear FL	PETRONAS Gear Syn PAO
		Plain Bearings / Roller Bearings (1)	Grease	PETRONAS Grease LiX EP 2/380		PETRONAS Grease LiX Syn 2/460
		Spider Bush Bearing	Grease	PETRONAS Grease LiX MEP	PETRONAS Grease LiCa MG HL	PETRONAS Grease LiCa MG XHL
		Spider Bush Bearing (Oil)	Gear Oil	PETRONAS Gear MEP ⁽²⁾	PETRONAS Gear FL	PETRONAS Gear Syn PAO
	Larry / Charge Car	Contact Bearings	Grease	PETRONAS Grease LiX EP 2/380	PETRONAS Grease CaSX	PETRONAS Grease LiX Syn 2/220
		Electric Motor Bearings	Grease	PETRONAS Grease Li 2	PETRONAS Grease PU	
	Mixer	Electric Motor Bearings	Grease	PETRONAS Grease Li 2	PETRONAS Grease PU	
		Gearbox / Reducer	Gear Oil	PETRONAS Gear MEP ⁽²⁾	PETRONAS Gear FL	PETRONAS Gear Syn PAO
		Cooling System	Coolant Fluid	PETRONAS Paraflu 11	PETRONAS Paraflu Up Ready	
		Diesel Engine (Two Stroke)	Engine Oil	PETRONAS Genrail V	PETRONAS Genrail Syn VI	
	Quench Car	Gearbox / Reducer	Gear Oil	PETRONAS Gear MEP ⁽²⁾	PETRONAS Gear FL	PETRONAS Gear Syn PAO/PAG*
		Hydraulic System	Hydraulic Fluid	PETRONAS Hydraulic HFC	PETRONAS Hydraulic FR	
		Journal Bearings	Grease	PETRONAS Grease LiX EP 2/380	PETRONAS Grease CaSX	PETRONAS Grease LiX Syn 2/460
		Journal Bearings (Oil)	Circulating Oil	PETRONAS Circula		PETRONAS Circula Syn
	Quenching Tower	Bearings	Grease	PETRONAS Grease Li EP 2	PETRONAS Grease LiX 2/170	PETRONAS Grease LiX Syn 2/220
		Bearings (Oil)	Hydraulic Fluid	PETRONAS Hydraulic	PETRONAS Hydraulic HV	PETRONAS Hydraulic ESF
		Electric Motor Bearings	Grease	PETRONAS Grease Li 2	PETRONAS Grease PU	
	Screening Plant	Bearings	Grease	PETRONAS Grease LiX EP 2/380	PETRONAS Grease CaSx	PETRONAS Grease LiX Syn 2/220
		Electric Motor Bearings	Grease	PETRONAS Grease Li 2	PETRONAS Grease PU	



LUBRICATION PARTS	LUBRICANT	STANDARD	PREMIUM	SUPREME
Bearings	Grease	PETRONAS Grease Li EP 2	PETRONAS Grease CaSx	PETRONAS Grease LiX Syn 2/220
Cables	Grease	PETRONAS Grease LiCa GEP 2.5		
Chains	Slideway Oil	PETRONAS Slideway		
Electric Motor Bearings	Grease	PETRONAS Grease Li 2	PETRONAS Grease PU	
Gearbox / Reducer	Gear Oil	PETRONAS Gear MEP ⁽²⁾	PETRONAS Gear FL	PETRONAS Gear Syn PAO
Open Gears	Grease		PETRONAS Grease LiCa TMG	
Contact Bearings	Grease	PETRONAS Grease LiX EP 2/380	PETRONAS Grease CaSX	PETRONAS Grease LiX Syn 2/460
Crusher and Vibrating Screens	Grease	PETRONAS Grease LiX EP 2/380	PETRONAS Grease CaSX	PETRONAS Grease LiX Syn 2/460
Electric Motor Bearings	Grease	PETRONAS Grease Li 2	PETRONAS Grease PU	
Gearbox / Reducer	Gear Oil	PETRONAS Gear MEP ⁽²⁾	PETRONAS Gear FL	PETRONAS Gear Syn PAG*
Grease Points	Grease	PETRONAS Grease LiX EP 2/380	PETRONAS Grease CaSX	PETRONAS Grease LiX Syn 2/460
Sintering Strand Grease	ering Strand Grease Grease		PETRONAS Grease CaSX	PETRONAS Grease LiX Syn 2/460
Actuator Valves	Grease	PETRONAS Grease LiCa GEP 2.5	PETRONAS Grease LiX MEP	PETRONAS Grease LiCa MG XHL
Blower (Compressor)	Compressor Oil	PETRONAS Compressor A M2	PETRONAS Compressor A M4	PETRONAS Compressor A Syn PAO
Blower (Fan)	Grease	PETRONAS Grease PU	PETRONAS Grease CaSX	PETRONAS Grease LiX Syn 2/220 and 2/100
Compressors (Tuyeres)	Compressor Oil	PETRONAS Compressor A M2	PETRONAS Compressor A M4	PETRONAS Compressor A Syn PAO
Contact Bearings	Grease	PETRONAS Grease LiX EP 2/380	PETRONAS Grease CaSX	PETRONAS Grease LiX Syn 2/460
Hydraulic System	Hydraulic Fluid	PETRONAS Hydraulic HFC	PETRONAS Hydraulic FR	
Tap Hole Drill	Hydraulic Fluid	PETRONAS Hydraulic HFC	PETRONAS Hydraulic FR	
Turbine (Tuyeres)	Turbine Oil	PETRONAS Jenteram	PETRONAS Jenteram G	PETRONAS Jenteram Syn
Mud Gun	Hydraulic Fluid	PETRONAS Hydraulic HFC	PETRONAS Hydraulic FR	
Comprossor (Air Proko)	Compressor Oil		-	PETRONAS Compressor A Syn PAO
Compressor (Air Brake) Hydraulic System	Hydraulic Fluid	PETRONAS Compressor A M2	PETRONAS Compressor A M4	PETRONAS Compressor A Syn PAO
	Grease	PETRONAS Hydraulic HFC	PETRONAS Hydraulic FR PETRONAS Gear LiCa TMG	
Open Gears and Plates Support Bearings	Grease	PETRONAS Grease LiX EP 2/380	PETRONAS Gear Lica TMG	DETRONAS Croppo LiV Sym 2/460
Contact Bearings		PETRONAS Grease LIX EP 2/380 PETRONAS Grease LIX EP 2/380	PETRONAS Grease CaSX	PETRONAS Grease LiX Syn 2/460
Cooling System	Grease Coolant Fluid	PETRONAS Grease LIX EP 2/360 PETRONAS Paraflu 11		PETRONAS Grease LiX Syn 2/460
Diesel Engine (Two Stroke)		PETRONAS Genrail V	PETRONAS Paraflu Up Ready	PETRONAS Genrail Syn VI
Gearbox / Reducer	Engine Oil Gear Oil	PETRONAS Gear MEP ⁽²⁾	PETRONAS Gear FL	PETRONAS Gear Syn PAG*
Grease Points (Rails)	Grease	PETRONAS Grease LiX EP 2/380	PETRONAS Grease CaSX	PETRONAS Grease LiX Syn 2/460
Journal Bearings (Oil)	Circulating Oil	PETRONAS Grease Lix EP 2/380	PETRONAS Grease Cash	PETRONAS Circula Syn
Rail Bearing Support	Grease	PETRONAS Grease LiX EP 2/380	PETRONAS Grease CaSX	PETRONAS Grease LiX Syn 2/460
Contact Bearings	Grease	PETRONAS Glease LIX EF 2/300	PETRONAS Grease CaSX	PETRONAS Grease LIX Syll 2/400
Gearbox / Reducer	Gear Oil	PETRONAS Gear MEP ⁽²⁾	PETRONAS Grease Casx	PETRONAS Gear Syn PAG*
Movable Seal	Gear Oit	FEIRONAS Gear MEP	PETRONAS Gear PE	PETRONAS Gear Syll PAG
Compressor (Air Brake)	Compressor Oil	PETRONAS Compressor A M2	PETRONAS Compressor A M4	PETRONAS Compressor A Syn PAO
	Hydraulic Fluid	PETRONAS Compressor A M2 PETRONAS Hydraulic HFC	PETRONAS Compressor A MA	PETRONAS COMPRESSOR A SYN PAO
Hydraulic System Open Gears and Plates	Grease		PETRONAS Grease LiCa TMG	
	Grease	PETRONAS Grease LiX EP 2/380	PETRONAS Grease CaSX	PETRONAS Grease LiX Syn 2/460
Support Bearings				
Gearbox / Reducer	Gear Oil	PETRONAS Gear MEP ⁽²⁾	PETRONAS Gear FL	PETRONAS Gear Syn PAO/PAG*
Hydraulic System	Hydraulic Fluid	PETRONAS Hydraulic HFC	PETRONAS Hydraulic FR	
Slewing Bearings	Grease			PETRONAS LiX Semi Syn SR
Special Contact Bearing	Grease			PETRONAS Grease LiX Syn 2/460
Bearings (Furnace, Roller Table, Finishing Roller)	Grease	PETRONAS Grease LiX EP 2/380	PETRONAS Grease CaSX	PETRONAS Grease LiX Syn 2/220
Cooling Bed Support Bearings	Grease		PETRONAS Grease CaSX	
Electric Motor Bearings	Grease	PETRONAS Grease Li 2	PETRONAS Grease PU	
Gearbox / Reducer (Rollers, Roller Tables, Finishing Rollers, Winders)	Gear Oil	PETRONAS Gear MEP ⁽²⁾	PETRONAS Gear FL	PETRONAS Gear Syn PAO/PAG*
Hydraulic System (Rolling Gearbox / Reducer, Roller Table)	Hydraulic Fluid	PETRONAS Hydraulic HFC	PETRONAS Hydraulic FR	
Morgan Bearing	Circulating Oil	PETRONAS Circula Mill	PETRONAS Circula Mill NT	
Open Gears (Grease) - Winder	Grease		PETRONAS Grease LiCa TMG	