

FTS SERVICE PROGRAM – TAILOR-MADE FOR YOU

At PETRONAS, we believe success is made by close partnerships. It is that very belief that drives us to work together with you in overcoming the challenges you face from demands of higher productivity to operating under intense, severe conditions.

That's why we present to you our **Fluid Technology Solutions™** Service Program - a tailor-made range of services designed to maximise your business performance. From specialised on-site analysis to emergency support for operational recovery, we are committed to assisting you in every possible situation.

Partner with us and take your business to the next level.



PROVEN EXPERTS, ALWAYS READY TO HELP!

At the heart of our services, our experts strive to give you the peace-of-mind you're looking for.

Partner with us and take your business to the next level.



For more information, please contact:



Fluid Technology Soluti⊳ns™

IN OPERATIONAL PERFORMANCE POWER GENERATION

global.pli-petronas.co

PETRONAS Fluid Technology Soluti⊳ns™

YOUR PARTNER FOR PROGRESS

PETRONAS Lubricants International (PLI) is the global lubricant division of PETRONAS, one of the most successful petrochemical companies in the world.

Our mission is to deliver proven product technology and related services benefitting from our 100 years of experience. We believe in maximising your productivity with value-added products and services that are global, yet personal – our presence in 128 countries ensures our technical expertise reaches you wherever you are.

PLI's differentiator is product excellence, developed by world-class Technology Centres and brought to your market with local expertise. Our passion for performance improvement makes us an obvious choice for key OEMs and delivers success in Formula One Motorsport. Now, it has translated into a comprehensive industrial product range and tailor-made services for you.



YOUR CHALLENGES, OUR EXPERTISE

The ever-increasing demand for energy has power generators worldwide, we have become a major challenge for the power gained a thorough understanding of the industry worldwide. As a result, generating lubrication requirements and challenges plants are being pushed to the limits of their facing your business. operating performance and reliability. Long maintenance intervals, extreme operating conditions, such as exposure to high temperatures and pressures, water contamination and complexity of the equipment, all combine to increase the challenges of maintaining power generation systems. When the effects of an unexpected breakindustry, incurring huge costs on a daily basis, reliable, high quality lubricants are vital.

As the preferred strategic partner and assured of a reliable partner for progress. provider of lubrication solutions to major

With a holistic approach in mind, we have developed Fluid Technology Solutions[™], an intelligent approach to your fluid requirements that maximises your business performance through tailor-made product offerings and expert services. It is designed to help your business reach new levels in down can cause disruption to lives and productivity and profitability by enabling better efficiency and quality.

With PETRONAS on board, you can be



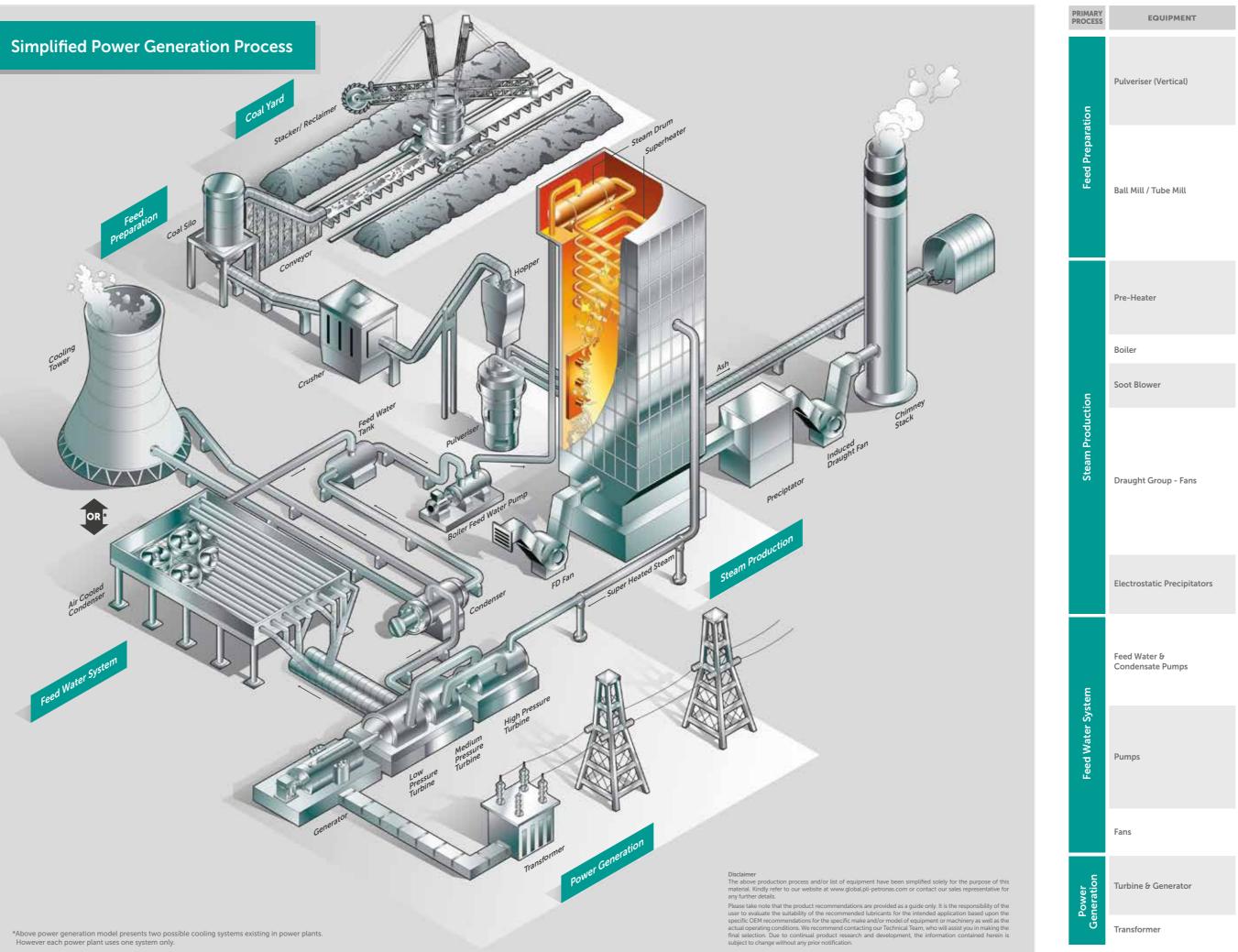
YOUR KEY TO MAXIMIZING PERFORMANCE

By focusing our expertise and utilising the latest advances in lubrication technology, we have developed a comprehensive range of state-of-the-art lubricants that meets the needs of all power-generating equipment. Choose the correct lubricant for equipment requirements and watch your productivity accelerate to the next level.



PRIMARY PROCESS	EQUIPMENT	LUBRICATION PARTS	LUBRICANT	STANDARD	PREMIUM	SUPREME
	Dump Truck, Wheel Loaders, Front End Loaders	Converter	Transmission Oil	PETRONAS Powertrans T4 30W		
		Cooling System	Coolant Fluid	PETRONAS Paraflu 11	PETRONAS Paraflu Up Ready	
		Engine	Engine Oil	PETRONAS Urania LD 7	PETRONAS Urania 5000E 15W40	PETRONAS Urania 7000E 10W40
		Final Drive	Transmission Oil	PETRONAS Powertrans T4		
		Grease Points	Grease	PETRONAS Grease LiX MEP	PETRONAS Grease LiCa MG HL	PETRONAS Grease LiCa MG XHL
		Hydraulics / Steering	Transmission Oil	PETRONAS Powertrans T4 10W		
		Transmission	Transmission Oil	PETRONAS Powertrans T4 30W		
	Feeders	Bearings	Grease	PETRONAS Grease LiX EP 2/380	PETRONAS Grease LiX Syn 2/220	PETRONAS Grease LiX Syn 2/220
		Coupling (Grease)	Grease	PETRONAS Grease Li 2	PETRONAS Grease PE HS	
		Coupling (Oil)	Turbine Oil	PETRONAS Jenteram	PETRONAS Jenteram G	PETRONAS Jenteram Syn
Coal Yard		Electric Motor Bearings	Grease	PETRONAS Grease Li 2	PETRONAS Grease PU	
		Gearbox / Reducer	Gear Oil	PETRONAS Gear MEP ⁽¹⁾	PETRONAS Gear FL	PETRONAS Gear Syn PAO
		Hydraulics (Stationary)	Hydraulic Fluid	PETRONAS Hydraulic	PETRONAS Hydraulic HV	PETRONAS Hydraulic ESF
		Open Gears	Grease		PETRONAS Grease LiCa TMG	
		Reclaimer Chains	Grease	PETRONAS Grease LiX EP	PETRONAS Grease LiCa Semi Syn	PETRONAS Grease LiX Syn 2/460
Ŭ	Stacker / Reclaimer	Bearings	Grease	PETRONAS Grease LiX EP	PETRONAS Grease LiCa Semi Syn	PETRONAS Grease LiX Syn 2/460
		Cables	Grease	PETRONAS Grease LiCa GEP 2.5		
		Electric Motor Bearings	Grease	PETRONAS Grease Li 2	PETRONAS Grease PU	
		Gearbox / Reducer	Gear Oil	PETRONAS Gear MEP (1)	PETRONAS Gear FL	PETRONAS Gear Syn PAO
		Hydraulics (Stationary)	Hydraulic Fluid	PETRONAS Hydraulic	PETRONAS Hydraulic HV	PETRONAS Hydraulic ESF
		Open Gears	Grease		PETRONAS Grease LiCa TMG	
		Reclaimer Chains	Grease	PETRONAS Grease LiX EP	PETRONAS Grease LiCa Semi Syn	PETRONAS Grease LiX Syn 2/460
		Slewing Ring Bearing	Grease			PETRONAS Grease LiCa MG XHL
	Silos And Stock Piles	Bearings (Grease)	Grease	PETRONAS Grease LiX EP	PETRONAS Grease LiCa Semi Syn	PETRONAS Grease LiX Syn 2/460
		Electric Motor Bearings	Grease	PETRONAS Grease Li 2	PETRONAS Grease PU	
		Gear Drives	Gear Oil	PETRONAS Gear MEP ⁽¹⁾	PETRONAS Gear FL	PETRONAS Gear Syn PAO
		Grease Points	Grease	PETRONAS Grease Li EP 2	PETRONAS Grease LiCa Semi Syn	PETRONAS Grease LiX Syn 2/220
		Hydraulics (Stationary)	Hydraulic Fluid	PETRONAS Hydraulic	PETRONAS Hydraulic HV	PETRONAS Hydraulic ESF
	Crusher	Bearings (Grease)	Grease	PETRONAS Grease LiX EP	PETRONAS Grease LiCa Semi Syn	PETRONAS Grease LiX Syn 2/460
		Bearings (Oil)	Gear Oil	PETRONAS Gear MEP (1)	PETRONAS Gear FL	PETRONAS Gear Syn PAO
		Electric Motor Bearings	Grease	PETRONAS Grease Li 2	PETRONAS Grease PU	
		Gearbox / Reducer	Gear Oil	PETRONAS Gear MEP (1)	PETRONAS Gear FL	PETRONAS Gear Syn PAO
		Grease Points	Grease	PETRONAS Grease Li EP 2	PETRONAS Grease LiCa Semi Syn	PETRONAS Grease LiX Syn 2/220
ation		Hydraulics (Stationary)	Hydraulic Fluid	PETRONAS Hydraulic	PETRONAS Hydraulic HV	PETRONAS Hydraulic ESF
Irat		Bearings (Grease)	Grease	PETRONAS Grease LiX EP	PETRONAS Grease LiCa Semi Syn	PETRONAS Grease LiX Syn 2/460
eba		Bearings (Oil)	Gear Oil	PETRONAS Gear MEP (1)	PETRONAS Gear FL	PETRONAS Gear Syn PAO
Prep		Conveyor Back Stop	Grease	PETRONAS Grease Li 2	PETRONAS Grease PU	
Feed		Coupling (Grease)	Grease	PETRONAS Grease Li 2	PETRONAS Grease PE HS	
Ъ	Conveyors / Handlers	Coupling (Oil)	Turbine Oil		PETRONAS Jenteram Syn	
	-	Electric Motor Bearings	Grease			
		Gearbox / Reducer	Gear Oil			PETRONAS Gear Syn PAO
		Grease Points	Grease	PETRONAS Grease Li EP 2	PETRONAS Grease LiCa Semi Syn	PETRONAS Grease LiX Syn 2/220
		Hydraulics (Stationary)	Hydraulic Fluid	PETRONAS Hydraulic	PETRONAS Hydraulic HV	PETRONAS Hydraulic ESF
		Open Gears	Grease		PETRONAS Grease LiCa TMG	

Coolin-



⁽¹⁾ Premium Product

LUBRICATION PARTS	LUBRICANT	STANDARD	PREMIUM	SUPREME
earings (Grease)	Grease			PETRONAS Grease LiX Syn 1/1500
earings (Oil)	Gear Oil	PETRONAS Gear MEP ⁽¹⁾	PETRONAS Gear FL	PETRONAS Gear Syn PAO
lectric Motor Bearings	Grease	PETRONAS Grease Li 2	PETRONAS Grease PU	
earbox / Reducer	Gear Oil	PETRONAS Gear MEP ⁽¹⁾	PETRONAS Gear FL	PETRONAS Gear Syn PAO
rease Points	Grease	PETRONAS Grease LiX MEP	PETRONAS Grease LiCa MG HL	PETRONAS Grease LiCa MG XHL
ydraulics (Stationary)	Hydraulic Fluid	PETRONAS Hydraulic	PETRONAS Hydraulic HV	PETRONAS Hydraulic ESF
earings (Grease)	Grease	PETRONAS Grease LiX EP	PETRONAS Grease LiCa Semi Syn	PETRONAS Grease LiX Syn 2/460
earings (Oil)	Circulation Oil	PETRONAS Circula		PETRONAS Circula Syn
oupling (Grease)	Grease	PETRONAS Grease Li 2	PETRONAS Grease PE HS	
lectric Motor Bearings (Grease)	Grease	PETRONAS Grease Li 2	PETRONAS Grease PU	
lectric Motor Bearings (Oil)	Circulation Oil	PETRONAS Circula		PETRONAS Circula Syn
earbox / Reducer	Gear Oil	PETRONAS Gear MEP ⁽¹⁾	PETRONAS Gear FL	PETRONAS Gear Syn PAO
rease Points	Grease	PETRONAS Grease LiX EP	PETRONAS Grease LiCa Semi Syn	
		PETRONAS Grease LIX EP		PETRONAS Grease LiX Syn 2/460
pen Gears	Grease		PETRONAS Grease LiCa	
hrust Bearing	Circulation Oil	PETRONAS Circula		PETRONAS Circula Syn
earings (Grease)	Grease			PETRONAS Grease LiX Syn 1/1500
earings (Oil In Circulating System)	Gear Oil			Petronas Gear Syn PAG
lectric Motor Bearings	Grease	PETRONAS Grease Li 2	PETRONAS Grease PU	
earbox / Reducer	Gear Oil	PETRONAS Gear MEP ⁽¹⁾	PETRONAS Gear FL	PETRONAS Gear Syn PAO
/orm Gearbox / Reducer	Gear Oil			PETRONAS Gear Syn WI
ampers	Grease	PETRONAS Grease Li EP 2	PETRONAS Grease LiCa Semi Syn	PETRONAS Grease LiX Syn 2/220
ressure Relief Valves	Grease		PETRONAS Grease Clay Syn 2/220	
earbox / Reducer (Grease)	Grease		PETRONAS Grease Clay Syn 2/220	
earbox / Reducer (Oil)	Gear Oil			PETRONAS Gear Syn WI
rease Points	Grease		PETRONAS Grease LiX EP 2/380	PETRONAS Grease LiX Syn 2/220
oupling (Grease)	Grease	PETRONAS Grease Li 2	PETRONAS Grease PE HS	
oupling (Oil)	Turbine Oil	PETRONAS Jenteram	PETRONAS Jenteram G	PETRONAS Jenteram Syn
lectric Motor Bearings (Grease)	Grease	PETRONAS Grease Li 2	PETRONAS Grease PU	PERIORAS Genteralit Syn
-	Circulation Oil	PETRONAS Circula	FEIRORAS Glease FO	DETRONAS Circula Sym
lectric Motor Bearings (Oil)			DETRONAC CHARACTER	PETRONAS Circula Syn
orced Draught Fan Bearings (Grease)	Grease	PETRONAS LI EP 2	PETRONAS Grease CaSX	PETRONAS Grease LiX Syn 2/220
orced Draught Fan Bearings (Oil)	Circulation Oil	PETRONAS Circula		PETRONAS Circula Syn
duced Draught Fan Bearings (Grease)	Grease	PETRONAS LI EP 2	PETRONAS Grease CaSX	PETRONAS Grease LiX Syn 2/220
duced Draught Fan Bearings (Oil)	Circulation Oil	PETRONAS Circula		PETRONAS Circula Syn
rimary Air Fan Bearings	Grease		PETRONAS Grease CaSX	PETRONAS Grease LiX Syn 2/220
econdary Air Fan Bearings	Grease	PETRONAS Grease Li 2	PETRONAS Grease PU	
lectric Motor Bearings (Grease)	Grease	PETRONAS Grease Li 2	PETRONAS Grease PU	
earbox / Reducer	Gear Oil	PETRONAS Gear MEP ⁽¹⁾	PETRONAS Gear FL	PETRONAS Gear Syn PAG
rease Points	Grease	PETRONAS Grease Li EP 2	PETRONAS Grease LiX EP 2/170	PETRONAS Grease LiX Syn 2/220
apper Bearings (Grease)	Grease	PETRONAS Grease Li EP 2	PETRONAS Grease LiX EP 2/170	PETRONAS Grease LiX Syn 2/220
earings (Grease)	Grease	PETRONAS Grease Li EP 2	PETRONAS Grease LiX EP 2/170	PETRONAS Grease LiX Syn 2/220
earings (Oil)	Circulation Oil	PETRONAS Circula		PETRONAS Circula Syn
lectric Motor Bearings	Grease	PETRONAS Grease Li 2	PETRONAS Grease PU	
earbox / Reducer (Variable Speed)	Circulation Oil	PETRONAS Circula		PETRONAS Circula Syn
rease Points	Grease	PETRONAS Grease Li EP 2	PETRONAS Grease LiX EP 2/170	PETRONAS Grease LiX Syn 2/220
urbine Drive	Turbine Oil	PETRONAS Grease EI EF 2	PETRONAS Grease LIX EF 27170 PETRONAS Jenteram G	PETRONAS Grease EIX Syll 2/220 PETRONAS Jenteram Syn
earings (Grease)	Grease	PETRONAS Grease Li EP 2	PETRONAS Grease LiX EP 2/170	PETRONAS Grease LiX Syn 2/220
-			FEIRONAS Grease LIX EP 2/1/0	-
earings (Oil)	Circulation Oil	PETRONAS Circula	DETRONAS Crease DL	PETRONAS Circula Syn
ectric Motor Bearings (Grease)	Grease	PETRONAS Grease Li 2	PETRONAS Grease PU	DETRONAS Circula Com
ectric Motor Bearings (Oil)	Circulation Oil	PETRONAS Circula		PETRONAS Circula Syn
earbox / Reducer	Circulation Oil	PETRONAS Circula		PETRONAS Circula Syn
rease Points	Grease	PETRONAS Grease Li EP 2	PETRONAS Grease LiX EP 2/170	PETRONAS Grease LiX Syn 2/220
ydraulics (Stationary)	Hydraulic Fluid	PETRONAS Hydraulic	PETRONAS Hydraulic HV	PETRONAS Hydraulic ESF
ectric Motor Bearings	Grease	PETRONAS Grease Li 2	PETRONAS Grease PU	
earbox / Reducer	Gear Oil	PETRONAS Gear MEP	PETRONAS Gear FL	PETRONAS Gear Syn PAO
rease Points	Grease	PETRONAS Grease Li EP 2	PETRONAS Grease LiCa Semi Syn	PETRONAS Grease LiX Syn 2/220
earings (Oil)	Turbine Oil	PETRONAS Jenteram	PETRONAS Jenteram G	PETRONAS Jenteram Syn
earbox / Reducer	Turbine Oil	PETRONAS Jenteram	PETRONAS Jenteram G	
rease Points	Grease	PETRONAS Grease Li EP 2	PETRONAS Grease LiCa Semi Syn	PETRONAS Grease LiX Syn 2/220
urbine Control System	Turbine Oil		PETRONAS Jenteram G	
eservoir (Inhibited)	Transformer	PETRONAS Elektron X		