



Product	Key Benefits	Key Applications	Fluid Technology	Viscosity Grade	Viscosity Index	Pour Point (Based On VG 46)	Performance Levels
Air compressors (all types)							
PETRONAS Compressor A Syn POE	<ul style="list-style-type: none"> Up to 12 000 hours oil life in service* Excellent system protection against varnish and deposit formation Excellent performance 	All types of air compressors	Synthetic POE, Ashless	46 to 68	113	-39°C	ISO 6743-3; DAB & DAJ
PETRONAS Compressor A Syn PAG	<ul style="list-style-type: none"> Up to 8 000 hours oil life in service* Excellent system protection against varnish and deposit formation Excellent performance 	All types of air compressors	Synthetic PAG, Ashless	32 to 46	184	-54°C	ISO 6743-3; DAJ
PETRONAS Compressor A Syn PAO	<ul style="list-style-type: none"> Up to 8 000 hours oil life in service* Excellent system protection against varnish and deposit formation Excellent performance 	All types of air compressors	Synthetic PAO, Ashless	32 to 100	139	-55°C	ISO 6743-3; DAB & DAJ
PETRONAS Compressor A M4	<ul style="list-style-type: none"> Up to 4 000 hours oil life in service* High system protection against varnish and deposit formation High performance 	All types of air compressors	Mineral, Ashless	32 to 100	105	-33°C	DIN 51506 VDL (1985 - 09) ISO 6743-3; DAH
PETRONAS Compressor A M2	<ul style="list-style-type: none"> Up to 2 000 hours oil life in service* Very good system protection against varnish and deposit formation Very good performance 	All types of air compressors	Mineral, Ashless	32 to 100	102	-33°C	DIN 51506 VDL (1985 - 09) ISO 6743-3; DAG

Product	Key Benefits	Key Applications	Fluid Technology	Viscosity Grade	Type Of Refrigerant	Pour Point (Based On VG 68)	Performance Levels
Refrigeration and air conditioning compressors (all types)							
PETRONAS Compressor R Syn POE	<ul style="list-style-type: none"> Up to 5x longer oil life** Excellent system protection against varnish and deposit formation Excellent performance 	All types of refrigeration and air conditioning compressors using HFC refrigerant Household refrigerators and freezers using HFC refrigerant	Synthetic POE	22 to 100, 220	HFC	-39°C	ISO 6743-3; DRD
PETRONAS Compressor R Syn FG	<ul style="list-style-type: none"> Up to 3x longer oil life** Excellent system protection against varnish and deposit formation Excellent performance 	All types of refrigeration compressors using ammonia and process gases Approved for food industry applications	Synthetic PAO	68	Ammonia and process gases	-54°C	ISO 6743-3; DRA
PETRONAS Compressor R Syn PAO	<ul style="list-style-type: none"> Up to 3x longer oil life** Excellent system protection against varnish and deposit formation Excellent performance 	All types of refrigeration compressors using ammonia and process gases	Synthetic PAO	46 to 150	Ammonia and process gases	-51°C	ISO 6743-3; DRA



**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.



PETRONAS
Fluid Technology
Solutions™

**TAKING YOU TO THE NEXT LEVEL
IN EQUIPMENT PROTECTION
COMPRESSOR OILS**

PETRONAS
Fluid Technology
Solutions™

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.



Together, let's take your compressor's protection to the next level.

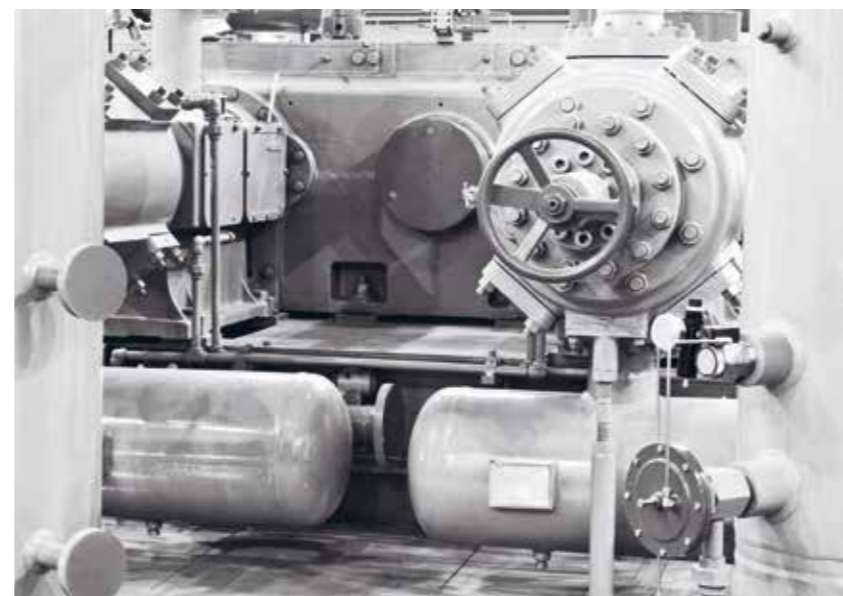
YOUR CHALLENGES, OUR EXPERTISE

Being under pressure is an absolute reality when it comes to compressors. Expected to deliver high performance and reliability for lengthy periods of time, modern compressors are being pushed to the limit.

New more demanding equipment specifications create a very challenging working environment for lubricants as well. Higher operating temperatures, higher pressures and many contaminants potentially intermingling with the oil demand more robust and innovative oil formulations. When potential break-downs may run into tens of thousands of

dollars on a daily basis and compromise production processes in other parts of a plant, there is no room for low quality lubricants.

At PLI, we understand that maximising uptime is your key challenge. That's why 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. Our superior solutions for compressor lubrication meet the most severe industry and OEM specifications in order to deliver you products you can rely on.



Increasing performance and protection
Improving uptime and lowering maintenance costs

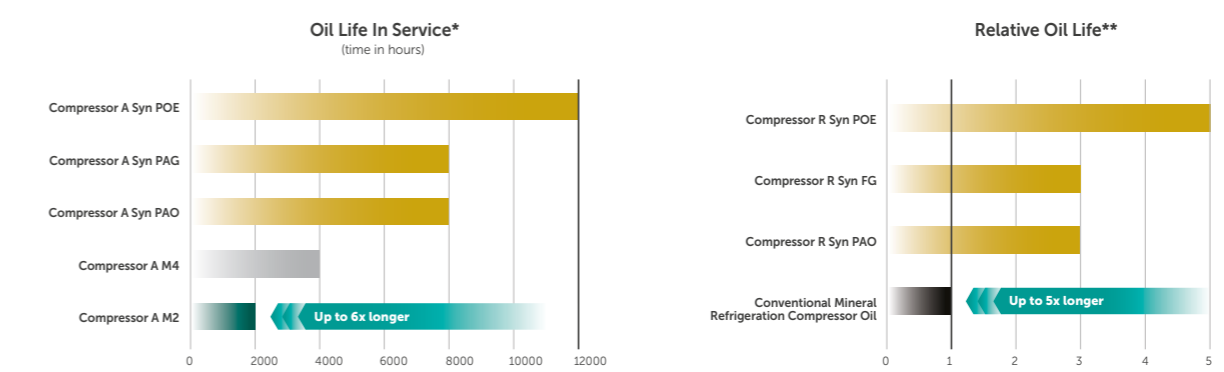
SUPREME
PREMIUM
STANDARD
BASIC

YOUR KEY TO MAXIMISING PERFORMANCE

Focusing our expertise, we've developed a comprehensive portfolio of compressor oils that serves every type of compressor application. Choose the right product for your application need and take the protection of your compressor to the next level.

	Air compressors (all types)	Refrigeration and air conditioning compressors (all types)
SUPREME	PETRONAS Compressor A Syn POE Up to 12 000 hours oil life in service* Excellent system protection against varnish and deposit formation Excellent performance	PETRONAS Compressor R Syn POE Up to 5x longer oil life** Excellent system protection against varnish and deposit formation Excellent performance HFC refrigerants
	PETRONAS Compressor A Syn PAG Up to 8 000 hours oil life in service* Excellent system protection against varnish and deposit formation Excellent performance	PETRONAS Compressor R Syn FG Food industry approved Up to 3x longer oil life** Excellent system protection against varnish and deposit formation Excellent performance Ammonia and process gases
	PETRONAS Compressor A Syn PAO Up to 8 000 hours oil life in service* Excellent system protection against varnish and deposit formation Excellent performance	PETRONAS Compressor R Syn PAO Up to 3x longer oil life** Excellent system protection against varnish and deposit formation Excellent performance Ammonia and process gases
PREMIUM	PETRONAS Compressor A M4 Up to 4 000 hours oil life in service* High system protection against varnish and deposit formation High performance	
STANDARD	PETRONAS Compressor A M2 Up to 2 000 hours oil life in service* Very good system protection against varnish and deposit formation Very good performance	
BASIC	First price compressor oils	

* Maximum values for each product. Individual oil condition strongly depends on the type of compressor and operating conditions. Oil condition monitoring should be carried out during the service to secure optimum oil performance.
 ** vs. conventional mineral refrigeration compressor oils.



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.