



Product	Key Benefits	Key Applications	Fluid Technology	Viscosity Grade	Viscosity Index	Pour Point (Based on ISO VG 46)	Performance Levels
<b>Air compressors (all types)</b>							
<b>PETRONAS Compressor A Syn POE</b>	<ul style="list-style-type: none"> <li>Up to 12 000 hours oil life in service*</li> <li>Excellent system protection against varnish and deposit formation</li> <li>Excellent performance</li> </ul>	All types of air compressors	Synthetic POE, Ashless	46 to 68	113	-39°C	ISO 6743-3: DAB & DAJ
<b>PETRONAS Compressor A Syn PAG</b>	<ul style="list-style-type: none"> <li>Up to 8 000 hours oil life in service*</li> <li>Excellent system protection against varnish and deposit formation</li> <li>Excellent performance</li> </ul>	All types of air compressors	Synthetic PAG, Ashless	32 to 46	184	-54°C	ISO 6743-3: DAJ
<b>PETRONAS Compressor A Syn PAO</b>	<ul style="list-style-type: none"> <li>Up to 8 000 hours oil life in service*</li> <li>Excellent system protection against varnish and deposit formation</li> <li>Excellent performance</li> </ul>	All types of air compressors	Synthetic PAO, Ashless	32 to 100	139	-55°C	ISO 6743-3: DAB & DAJ
<b>PETRONAS Compressor A M6</b>	<ul style="list-style-type: none"> <li>Up to 6 000 hours oil life in service*</li> <li>High thermal and oxidation stability</li> <li>High air release and foam stability</li> </ul>	Reciprocating, rotary screw and rotary vane compressors with critical gears and bearings Compressors used in stationary and mobile applications	Mineral - Etro Inside ashless	32, 46, 68, 100	139	-42°C	ISO 6743-3: DAJ
<b>PETRONAS Compressor A M4</b>	<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>	All types of air compressors	Mineral, Ashless	32 to 100	105	-33°C	DIN 51506 VDL (1985 - 09); ISO 6743-3: DAH
<b>PETRONAS Compressor A M2</b>	<ul style="list-style-type: none"> <li>Up to 2 000 hours oil life in service*</li> <li>Very good system protection against varnish and deposit formation</li> <li>Very good performance</li> </ul>	All types of air compressors	Mineral, Ashless	32 to 100	102	-33°C	DIN 51506 VDL (1985 - 09); ISO 6743-3: DAG
<b>Refrigeration and air conditioning compressors (all types)</b>							
<b>PETRONAS Compressor R Syn POE</b>	<ul style="list-style-type: none"> <li>Up to 5x longer oil life**</li> <li>Excellent system protection against varnish and deposit formation</li> <li>Excellent performance</li> </ul>	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
<b>PETRONAS Compressor R Syn FG</b>	<ul style="list-style-type: none"> <li>Up to 3x longer oil life**</li> <li>Excellent system protection against varnish and deposit formation</li> <li>Excellent performance</li> </ul>	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
<b>PETRONAS Compressor R Syn PAO</b>	<ul style="list-style-type: none"> <li>Up to 3x longer oil life**</li> <li>Excellent system protection against varnish and deposit formation</li> <li>Excellent performance</li> </ul>	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

PLI 1040 Global Compressor Master EN\_18

**PETRONAS**  
Fluid Technology  
Solutions™

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

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**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

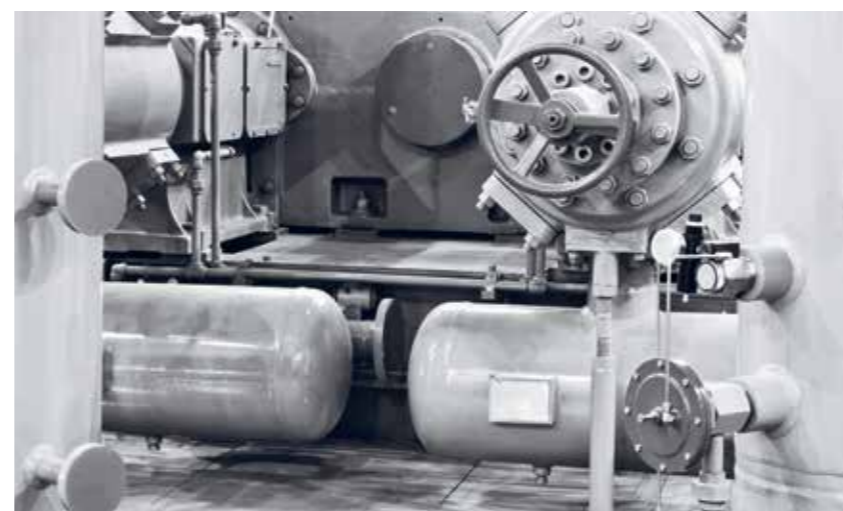
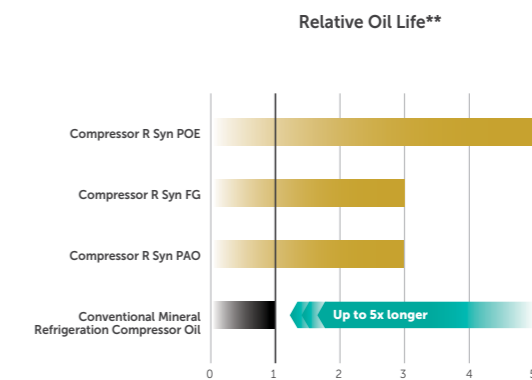
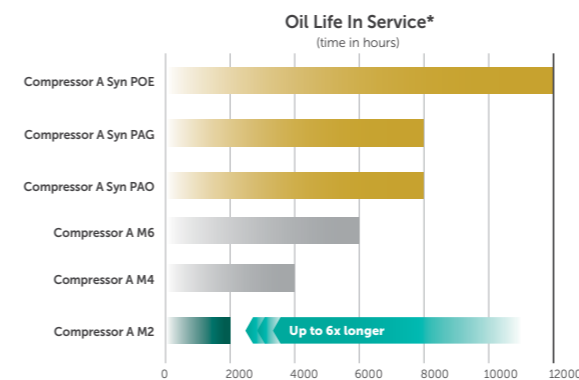
dollars on a daily basis and compromise production processes in other parts of a plant, there is no room for low quality lubricants.

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

	Air compressors (all types)	Refrigeration and air conditioning compressors (all types)
SUPREME	<b>PETRONAS Compressor A Syn POE</b> Up to 12 000 hours oil life in service* Excellent system protection against varnish and deposit formation Excellent performance	<b>PETRONAS Compressor R Syn POE</b> Up to 5x longer oil life** Excellent system protection against varnish and deposit formation Excellent performance HFC refrigerants
	<b>PETRONAS Compressor A Syn PAG</b> Up to 8 000 hours oil life in service* Excellent system protection against varnish and deposit formation Excellent performance	<b>PETRONAS Compressor R Syn FG</b> Food industry approved Up to 3x longer oil life** Excellent system protection against varnish and deposit formation Excellent performance Ammonia and process gases
	<b>PETRONAS Compressor A Syn PAO</b> Up to 8 000 hours oil life in service* Excellent system protection against varnish and deposit formation Excellent performance	<b>PETRONAS Compressor R Syn PAO</b> Up to 3x longer oil life** Excellent system protection against varnish and deposit formation Excellent performance Ammonia and process gases
PREMIUM	<b>PETRONAS Compressor A M6</b> Up to 6 000 hours oil life in service* High thermal and oxidation stability High air release and foam stability	
	<b>PETRONAS Compressor A M4</b> Up to 4 000 hours oil life in service* High system protection against varnish and deposit formation High performance	
STANDARD	<b>PETRONAS Compressor A M2</b> Up to 2 000 hours oil life in service* Very good system protection against varnish and deposit formation Very good performance	
BASIC	<b>First price compressor oils</b>	

\* 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.