

## Shanghai PingYiao Trading CO., Ltd.

### **ArChine Refritech SEP series**

## Lubricants special for R134a refrigerant in MAC systems

#### **Description**

Patricia Lubricants provides a full range of technically advanced synthetic lubricants for application in systems employing a wide variety of refrigerants, including CFCs, HCFCs and HFCs. We can offer a full range of synthetic technologies for mobile air conditioning applications, from OEM compliant products for current R134a systems,

through to lubricants for new systems employing CO<sub>2</sub> or other primary alternative refrigerants currently being evaluated.

ArChine Refritech SEP series are polyalkylene glycol lubricants designed specifically for application with R134a refrigerant in mobile air conditioning systems. These synthetic oils are a cost-effective option for aftermarket applications where top-up of the existing lubricant is required during servicing.

#### **Features**

- PAG lubricant, formulated with wear prevention technology
- Specifically designed for R134a refrigerant in mobile air conditioning systems
- Good thermal, chemical and hydrolytic stability
- High viscosity index
- High flash point and low pour points
- Excellent seal compatibility

#### **Benefits**

- Good hydrodynamic and boundary lubrication properties, resulting in minimised levels of wear
- Full miscibility with R134a across the full MAC operating temperature range
- Helps to reduce downtime and lower maintenance costs
- Helps to ensure operation across the broadest temperature range
- Helps to ensure lubrication is not compromised at temperature extremes
- Fully compatible with metallic and elastomeric components commonly employed in MAC systems

#### **Typical Properties\***

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#### **Distributor Wanted**

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	<b>SEP 46</b>	SEP 56	SEP 68
Appearance	Colorless clear liquid	Colorless clear liquid	Colorless clear liquid
Density@20°C, g/cm <sup>3</sup>	0.986	0.988	0.989
Viscosity @ 40°C, mm <sup>2</sup> /s	46.2	56.8	68.7
Viscosity @100°C, mm²/s	8.91	10.79	12.84
Viscosity Index	177	185	190
Flash Point(COC), °C	234	236	234
Fire point, °C	252	254	252
Pour Point, °C	-51	-48	9 -48
Copper Corrosion, 100°C,3hr, grade	1	1	1
Foam Characteristic, 24°C	10/0	15/0	25/0
	2/120		
* The above data is typical			

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