

# AMON SHC

## Synthetic PAO Rotary Air Compressor Oil

### Description

**AMON SHC** has been specially formulated from synthetic polyalphaolefine base oil and additive technology for lubrication rotary & screw air compressors. **AMON SHC** combines the high temperature oxidation inhibitors, providing excellent oxidation stability, rust and corrosion inhibitors. Features and benefits of nature **AMON SHC** will contribute to reduce the cost of maintenance as their property will extend the life of the oil through the reduction of deposit formation and oxidation.

### Applications

**AMON SHC** is effective for the lubrication and cooling of rotary screw air compressors and rotary sliding vane compressors. It also extends the drain intervals. The possible achieved drain intervals can be:

- ▶ From 4000 to 6000 hours for fixed compressors in standard use
- ▶ Up to 8000 hours with lubricant analysis monitoring

### Specification Meets

ISO 6743 classified DAJ for heavy duty applications and DIN 51 506 VDL standard.

### Advantages

- ▶ Good rust and corrosion protection
- ▶ Good filter ability characteristics
- ▶ Strong performance demulsibility and excellent water separation help in draining excess moisture from the circulatory system
- ▶ Resistant to sludge formation
- ▶ The low frictional properties and high film strength of **AMON SHC** lead to improved efficiency and marginally lower power requirements

### Typical Data of AMON SHC

Characteristics	Unit	AMON SHC				Test Method
		32	46	68	100	
Color		L 0.5	L 0.5	L 0.5	L 0.5	ASTM D 1500
Density @ 15 °C	kg/L	0.829	0.834	0.844	0.848	ASTM D 4052
Kinematic Viscosity @ 40 °C	cSt	31.75	45.5	67.5	99.75	ASTM D 445
Kinematic Viscosity @ 100 °C		6.05	7.75	10.5	14.05	
Viscosity Index		140	139	143	144	ASTM D 2270
Flash Point (COC)	°C	238	255	265	265	ASTM D 92
Pour Point	°C	<-40	<-40	<-40	<-40	ASTM D 97
Sequence I : 24 °C	mL	10/0	0/0	0/0	0/0	ASTM D 892
Sequence II : 93.5 °C		10/0	10/0	10/0	10/0	
Sequence III : 24 °C after 93.5 °C		0/0	0/0	0/0	0/0	

\* the typical characteristic mentioned represent mean values