

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