Saheli
vous irez loin

Product Data Sheet

Skiron *Advanced*-S

Description and Applications

Saheli Skiron *Advanced*-S series are advanced fully synthetic ash-less air compressor lubricants developed for use in rotary compressors of screw or vane design, reciprocating compressors and centrifugal compressors.

The synthetic Polyalphaolefin (PAO) base fluids in combination with advanced additive technology provide effective lubrication of equipment working in extreme temperatures and severe operating conditions.

These oils are specially designed to provide excellent thermo-oxidative stability and wear protection.

Features and Benefits

- Outstanding thermo-oxidative stability and excellent anti-wear protection leads to longer oil and equipment life.
- Low varnish and carbon forming tendency help in reducing maintenance cost.
- Extra high viscosity index coupled with excellent low temperature fluidity makes these oils suitable for use in wide operating temperature range.
- Zinc-free formulation ensures excellent filterability by minimizing oil filter blockage in wet condition.
- Excellent low volatility characteristics give low oil consumption and reduced top-up rates.
- Improved surface properties results in very good anti-foaming and air release properties and superior demulsibility.
- Compatible with mineral lubricants and also with seals and paints normally used with mineral oils.
- Offers excellent protection against rust and corrosion.

Applications

- Single or multiple stage rotary screw or vane, centrifugal compressors and reciprocating compressors of various OEMs including Hydrovane, Atlas Copco, Compare, and Worthington.
- The formulation has undergone successful field trial in Hydrovane 23C rotary vane compressor for 7030 hrs (VG 100), in Compare6050/7A Rotary Screw compressor for 9110 hrs (VG 46) and Worthington Rollair 40 Screw Compressor for 5030 hrs (VG 46).
- Compressors used in mobile and stationary applications.

Specifications

- DIN 51506 VDL
- ISO 6743-3 ISO-L-DAB and ISO-L-DAJ

Saheli Energy Solutions P.O.Box : 500102 Fax : +971 44301710 Dubai, UAE - info@saheli-lubes.com - www.saheli-lubes.com

Saheli
vous irez loin

Product Data Sheet

Skiron *Advanced*-S

Test Parameters		Test Method	Typical Results		
ISO VG			46	68	100
Density @ 15°C gm/cm3		ASTM D1298	0.846	0.850	0.853
Viscosity Index		ASTM D2270	137	141	143
Viscosity @ 40°C (cSt)		ASTM D 445	46.1	68.3	100.2
Pour Point °C		ASTM D 97	-48	-48	-45
Flash Point (COC) °C		ASTM D 92	242	254	260
Rust Test		ASTM D 665A/B	Pass	Pass	Pass
Air Release, @ 50°C, min		ASTM D 3427	3	5	5
Pneurop ageing - CCR after ageing, %		ASTM DIN 51352-2	0.20	0.12	0.07
Emulsion Test	@54°C	ASTM D 1401	Pass	Pass	-
30 Min. Max	@82°C		-	-	Pass
FZG, Fail load stage		ASTM DIN 51324-2	>12	>12	>12

Saheli Energy Solutions P.O.Box : 500102 Fax : +971 44301710 Dubai, UAE - info@saheli-lubes.com - www.saheli-lubes.com