

# Product Data Sheet

## Skiron HP

### Description and Applications

**Saheli Skiron HP** series are high performance ash-less air compressor oils specially designed to meet the stringent requirements of major compressor manufacturers.

These oils are formulated with high quality base oils and carefully selected performance additives to provide excellent protection against oxidation degradation, rust and corrosion and foaming and entrained air. The low carbon-forming tendency coupled with high FZG rating make these oils suitable for both reciprocating and rotary air compressors.

These oils exceed the performance requirements of DIN 51506 VDL and ISO 6743-3:2003 DAA Normal Duty.

### Features and Benefits

- Excellent thermo-oxidative stability controls the formation of sludge and varnish on valves and piston crowns and improves oil life resulting in improved equipment reliability, availability and efficiency.
- Low ash and carbon forming tendency ensures improved valve performance and reduced potential for fires and explosions in the discharge systems.
- Superior demulsibility reduces oil carryover and corrosion, maintains lubrication efficiency, reduces sludge formation and improves life of coalescer.
- Exceptional wear and rust protection results in reduced maintenance costs and longer equipment life.

### Applications

- Reciprocating air compressors operating with high discharge temperatures of up to 220°C used in stationary and mobile applications.
- Rotary screw and vane compressors.
- Axial and centrifugal compressors.
- Also used in circulating oil systems, plain and rolling element bearings, lightly loaded Gear sets, etc.

### Specifications

- DIN 51506 VDL

Test Parameters		Test Method	Typical Results				
<b>ISO VG</b>			<b>32</b>	<b>46</b>	<b>68</b>	<b>100</b>	<b>150</b>
Density @ 15°C gm/cm <sup>3</sup>		ASTM D1298	0.854	0.857	0.859	0.861	0.870
Viscosity Index		ASTM D2270	105	105	105	103	121
Viscosity @ 40°C (cSt)		ASTM D 445	32.2	46.1	68.3	99.8	151.1
Pour Point °C		ASTM D 97	-15	-15	-12	-12	-12
Flash Point (COC) °C		ASTM D 92	212	216	220	228	234
Rust Test		ASTM D 665A/B	Pass	Pass	Pass	Pass	Pass
Emulsion Test 30 Min. Max	@54°C	ASTM D 1401	Pass	Pass	Pass	-	-
	@82°C		-	-	-	Pass	Pass
FZG, Fail load stage		ASTM DIN 51324	>12	>12	>12	>12	>12