

## BARREL SCREW RS-A

(Ultra-long life synthetic compressor oil)

BARREL SCREW RS-A is a synthetic alkylnaphthalene compressor oil with excellent oxidation stability and ultra-long life, developed to meet the recent trend toward higher efficiency, smaller size, and higher load requirements of oil-cooled screw compressors.

### 1. Features

- (1) Excellent oxidation stability at high temperatures ensures stable use over a long period of time.
- (2) Sludge generation is small, keeping the inside of the system clean.
- (3) Excellent rust inhibiting properties prevent rusting and corrosion of oil tanks and piping.

### 2. Typical properties

Property	BARREL SCREW RS-A
Appearance	Light Yellow
Density 15°C <span style="float: right;">g/cm<sup>3</sup></span>	0.911
Flash Point (COC) <span style="float: right;">°C</span>	238
Pour Point <span style="float: right;">°C</span>	-35.0
Kinematic Viscosity 40°C <span style="float: right;">mm<sup>2</sup>/s</span>	27.5
Kinematic Viscosity 100°C <span style="float: right;">mm<sup>2</sup>/s</span>	4.69
Viscosity Index	80
Acid Number <span style="float: right;">mgKOH/g</span>	0.06
Rust Characteristics 24h (artificial sea water)	Pass
Rust Characteristics 24h (Distilled Water)	Pass
Copper Strip Corrosion 100°C,3h	1
Oxidation Stability(RPVOT) 150°C <span style="float: right;">min</span>	7,000
Form Test 24°C <span style="float: right;">ml</span>	0/0
Water Separability 54°C <span style="float: right;">ml(min)</span>	40-40-0(15)

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