



Monarch Syncomp

Synthetic (PAO) Compressor Oils

Monarch Syncomp Compressor Oils are formulated with the highest quality synthetic Polyalphaolefin (PAO) base fluids. They provide excellent thermal and oxidation stability, high viscosity index, high flash point, low pour point, and excellent hydrolytic stability. Because of their synthetic oil base, it can reduce viscosity loss during use. This will allow for a longer drain interval as well as help minimize maintenance and downtime expenses.

Monarch Syncomp Compressor Oils fight rust, oxidation, and foaming, and have superior anti-wear properties. This results in superior lubricants for applications in most reciprocating, rotary vane and screw compressors. These oils have been used successfully in reciprocating and rotary screw compressors from Ingersoll-Rand, Quincy, Sullair, Atlas Copco and Gardner-Denver.

Product Features:

- Low carbon forming tendency
- Extended drain intervals
- Increased level of wear protection
- Made with high Viscosity Index base oils

Customer Benefits:

- Reduced maintenance and downtime
- Superior thermal and oxidation stability
- Minimized lost viscosity compared to mineral based oils

Applications:

- **Monarch Syncomp P Compressor Oils** have excellent performance in both reciprocating and rotary screw compressors.



Typical Properties

Monarch Syncomp								
Product Number	850P	853P	851P	852P	854P	855P	856P	Test Method
ISO Grade	32	46	68	100	150	220	460	-
API	37.4	36.4	35.8	35.3	34.8	34.5	33.6	-
Viscosity Index	137	146	156	166	175	182	196	-
Viscosity@40°C, cSt	31.98	46.3	67.8	100.1	147.8	200.0	447	ASTM D445
Viscosity@100°C, cSt	6.0	8.0	11.1	15.6	21.9	28.5	56.6	ASTM D7042
Pour Point, °C	-45	-40	-35	-35	-30	-30	-30	ASTM D97
Lbs/Gal	6.97	7.02	7.05	7.07	7.09	7.10	7.14	-
Flash Point, °C	250	270	275	275	275	280	280	ASTM D92

These properties are typical of the current production. Variations that do not affect product performance are to be expected depending on blending and manufacturing locations. The information above is subject to change without notice.

Health and Safety:

This product is unlikely to have any adverse health implications or safety hazards when used for its intended application. Avoid contact with skin, use resistant gloves when handling used oil. If skin comes in contact wash immediately with soap and water. For complete information on safe handling and product characteristics please refer to the Safety Data Sheet (SDS) found on our website. www.royalmfg.com or call (918)-584-2671.

Packaging options:



5 Gal Pails

55 Gal. Drums

275/330 Gal Totes

>2000 Gal Bulk