

Rotary Compressor Oils

PressMax RTY

ISO 32/46/68/100



Product Description

PressMax RTY oils are specially developed to provide good lubrication to rotary air compressors and are suitable for compressors with air delivery temperatures up to 220°C. These oils are exceptionally stable and incorporate ashless additives. These oils meet DIN 51506 VDL and ISO DP 6521 for mineral oils. These oils exhibit excellent results in Pneuop Oxidation test (POT) as per DIN 51352 part 2, indicating low carbon residue figures.

Benefits

PressMax RTY provides the following benefits when used as recommended:

- Very good thermal stability
- Low deposit forming tendency
- Very good anti-corrosion and rust properties.
- Excellent anti-wear property
- Longer intervals between cleaning of valves, heat exchangers ports and piping ensures lower maintenance cost
- Suitable for both large and small compressors

Application

PressMax RTY is specially suited for rotary and reciprocating compressors both for stationary and mobile applications. (air discharge up to 220°C). It can also be used in vacuum pumps because of their low volatility.

They meet DIN 515 VDL and ISO DP 6521 for mineral oils. They exhibit excellent results in Pneuop Oxidation Test (POT) as per DIN 51352 part 2, including low carbon residue figures.

Properties

This oil has been developed to meet the latest changes in air compressor designs, resulting in increased capacity and efficiency. It is formulated from a high grade base stock with narrow distillation range. It contains specially selected additives, which enhance lubricity, anti-wear properties and protect compressor parts against oxidation and rust.

Typical Characteristics

Press Max RTY	32	46	68	100
Specific Gravity @ 15°C	0.8750	0.8840	0.8900	0.8910
Flash Point, °C	206	224	245	280
Pour Point, °C	-36	-33	-30	-27
Viscosity at 40°C, cSt	34.0	48	68	100
Viscosity at 100°C, cSt	5.6	7.0	9.0	11.0
Corrosion – Rust Protection(B)	Pass	Pass	Pass	Pass
FZG gear test-A/8.390/°C, failure	>12	>12	>12	>12

Credentials & Specifications

DIN 51352 Part 2 POT

ISO DP 6521

Typical physical characteristics of Press Max RTY are given in the table. These are intended as a guide to the industry and are not necessarily manufacturing or marketing specifications.

Health and Safety

Detailed health and safety information for this product is provided in a Material Safety Data Sheet which is available upon request from your Emarat lubricants sales office, or via the Internet on www.emarat.ae