PURITY IS THE KEY TO CONOPURE PROCESS OIL PERFORMANCE

ConoPure®

Because ConoPure process oils are produced using an advanced hydrocracking and catalytic dewaxing process, their performance properties exceed most conventional paraffinic and naphthenic process oils.

THESE PROPERTIES INCLUDE:

- **Highly saturated**
- **Extremely pure**
  - -Virtually no aromatics
  - -No sulfur
  - -No polar compounds
  - -No nitrogen
- **Colorless and non-staining**
- **Low volatility**
- **Very low DBD/DBF**
- **Highly stable**
  - -Thermal
  - -UV
  - -Oxidation
  - -color
- **Excellent compatibility with rubber polymers.**
- **Meets 21 CFR 178.3620(c)**

These properties create distinct advantages in a wide variety of process oil applications

ConoPure Advantages in EPDM & Other Rubber Applications

Color: With colorless ConoPure process oils, designers can produce much lighter colored polymers and finished rubber products.
Stability: ConoPure process oils are so completely free of impurities that they are much more resistant than other oils to oxidation and discoloration from heat and light. That means more stable color and longer life for finished EPDM and other rubber products.
Low Volatility: Due to the virtual absence of aromatics, ConoPure process oils produce lower emissions during polymer production, compounding and fabrication. This low volatility also contributes to their stability in end use applications. Their exceptional stability when exposed to heat makes them ideal for high temperature environments.

ConoPure process oils can be used in a wide variety of applications in natural rubber, EPDM, EPM, polyisoprene and butyl rubbers, as well as certain thermoplastic elastomers. Typical end use applications include:

- Polymer production
- "Under the hood" automotive parts
- Automobile moldings
- Tire white walls
- Sound and vibration dampening materials
- Wire and cable insulation and sheating
- Weather stripping and rubber membranes
- Roofing compounds
- Sporting goods
- Conveyor belts for food processing
- High temperature applications

ConoPure Advantages in Adhesives Applications

ConoPure oils are well suited for adhesives applications where long-term color stability is important, such as medical and decorative adhesives. The UV stability and colorless characteristics of ConoPure oils help create finished products that will not fade or discolor quickly. In addition, the low volatility of ConoPure oils is desirable for use in building and household adhesives.

ConoPure Advantages as Spray Oils

The hydrocracking process results in highly saturated oils with very high unsulfonated residue values and narrow distillation ranges. This makes ConoPure oils safer for plants. They are ideal for spray oil applications requiring a low toxicity pesticide or a more affective adjuvant.

ConoPure Process Oils in Other Applications

ConoPure process oils are suitable for a wide range of other applications including use as a component of non-food articles intended for use in contact with food in accordance with FDA regulation 21 CFR178.3620(c).

These applications include:

- Packaging adhesives
- Defoaming agents
- Filters
- Textiles and textile fibers
- Metallic foil manufacturing

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