

PETRONOMICS®

SYNTHETIC LUBRICANTS

FOR AIR COMPRESSORS

The following descriptions will assist in your selection of one of Petronomics® air compressor lubricants for your application. Products are available in a wide range of viscosities for all types of compressors.

53020, 51280, 51320 & 51480 Series

These products are based on diesters and offer the advantage of long life and cleaner operation. They answer the need for lower cylinder feed rates (between lubricity), cleaner valves, and lower explosion hazards in reciprocating compressors. Reciprocating compressors also operate more efficiently with the use of these lubricants. Several viscosities are available for those who prefer a diester in rotary vane and rotary screw compressor or centrifugal compressor.

53054, 53052, & 53022 Series

These top-of-the-line polyol ester lubricants provide double the life of diesters, even cleaner operation than the diesters, with greater reductions in cylinder feed rates. These properties, combined with very high flash points, result in the optimum reduction of explosion hazards and elimination of oil in air lines and downstream system components. Viscosity grades suitable for rotary screw compressors offer the longest drain intervals available today.

51596, 51290, 53058, 51596, & 52286 Series

These lubricants are based on synthetic hydrocarbon oils and are the lubricant industry standard for long life rotary screw compressor coolants. The 51596, 51290, 53058, & 51596 Series lubricants are compatible with all materials used in systems originally designed for use with mineral oils. The 52286 Series lubricants are also premium products for centrifugal compressors.

53058, 51300, 55300, 53056, 55320, 51596, & 55312 Series

These products are safe for industrial food contact under FDA's 21 CFR 178.3570 and USDA's H-1 requirements. Like the 51596, 51290, 53058, & 51596 Series, they are based on synthetic hydrocarbons and offer the same advantages. Several viscosity are available for rotary screw and centrifugal compressors, and for reciprocating compressors.

51550, 53100, 51500, 51490, & 53050 Series

These semi-synthetic lubricants are based on hydrocracked super-refined oils. They exhibit outstanding thermal and oxidative stability, resist carbon deposit and varnish formation, and have greatly extended service life as compared to conventional mineral oil based compressor oils.

