

## FORCE COMPRESSOR ISO VG 32,46,68,100

### DESCRIPTION

Force COMPRESSOR are premium quality oils developed for the lubrication of rotary screw air compressors and piston type. Based on a formulation of high viscosity-index solvent refined mineral oils and carefully selected additives, the oils offer exceptional oxidative and thermal stability, excellent corrosion protection and minimize deposits and sludging.

### APPLICATION

With proper maintenance of the system, Force COMPRESSOR are expected to extend the oil drain period for piston and screw compressors beyond 2000 hours. Coupled with the oil's long life capability is its ability to maintain excellent internal surface cleanliness in service. This is particularly relevant to the function and operation of the separator or coalescer.

### BENEFITS

- Potential cost savings.
- Minimizes deposit formation.
- Superior wear protection.
- Resists oxidation.

### PERFORMANCE

Force COMPRESSOR is available in four ISO grades to cover a wide range of equipment and operational conditions.

### TYPICAL RESULT

| Characteristics                                     | Test Method   | Force Compressor 32 | Force Compressor 46 | Force Compressor 68 | Force Compressor 100 |
|---|---------------|---------------------|---------------------|---------------------|----------------------|
| ISO Viscosity Grade                                 |               | 32                  | 46                  | 68                  | 100                  |
| Specific Gravity @15° C                             | ASTM D - 4052 | 0.871               | 0.879               | 0.887               | 0.890                |
| Kinematic Viscosity at 40° C, cSt<br>at 100° C, cSt | ASTM D - 445  | 32.5                | 47.2                | 67.9                | 98.5                 |
|   | ASTM D - 445  | 5.35                | 6.90                | 8.66                | 11.20                |
| Color   | ASTM D - 1500 | 1.0                 | 1.5                 | 2.0                 | 2.5                  |
| Viscosity Index                                     | ASTM D - 2270 | 102                 | 99                  | 100                 | 96                   |
| Flash Point, ° C                                    | ASTM D - 92   | 215                 | 218                 | 288                 | 0.237                |
| Four Point, ° C                                     | ASTM D - 97   | -40                 | -38                 | -35                 | -35                  |