



Active Lubricants

WORK

Industrial Gear Oil

Technical Data Sheet

WORK oil is a premium quality, lead free, extreme pressure oil designed primarily for the lubrication of medium and heavy duty industrial gears. WORK oil is especially formulated in solvent refined base oils with using high viscosity index and an incorporation of sulphur – phosphorus additive to provide excellent performance.

WORK oil is extremely effective forming a protective film in areas of metal to metal contact, reducing wear rate and controlling efficient transfer of power. It has also a quality of water separation and rust prevention from metal surfaces. These oils are available in ISO viscosity grades: 68, 100, 150, 220, 320, 460 & 680.

It gives the following consumer benefits:

- Excellent load carrying and anti-friction characteristics.
- Lead free.
- Outstanding oxidation and thermal stability.
- Extends machinery life.

The typical characteristics of WORK are:

| TEST METHODS | ISO VISCOSITY GRADES | 68 | 100 | 150 | 220 | 320 | 460 | 680 |
|--------------|-----------------------------------|-------|-------|-------|-------|-------|-------|-------|
| D 445 | Kinematic Viscosity @ 40°C, cSt | 68 | 100 | 150 | 220 | 320 | 462 | 680 |
| D 445 | Kinematic Viscosity @ 100°C, cSt | 8.60 | 11.2 | 14.5 | 18.8 | 23.9 | 30.5 | 34.0 |
| D 4052 | Density @ 15°C, kg/m ³ | 0.890 | 0.893 | 0.900 | 0.902 | 0.905 | 0.909 | 0.914 |
| D 2270 | Viscosity Index | 99 | 98 | 97 | 97 | 97 | 97 | 97 |
| D 97 | Pour Point, °C | -12 | -9 | -9 | -9 | -9 | -9 | -9 |
| D 93 | Flash Point, °C | 218 | 230 | 235 | 245 | 250 | 260 | 270 |
| DIN 51354 | FZG A/8.3/90 | >12 | >12 | >12 | >12 | >12 | >12 | >12 |
| D 2509 | Timken OK Load, kg | 31 | 31 | 31 | 34 | 34 | 34 | 34 |

Product specifications are based on average values. They are not limiting values and are subject to change due to ongoing research and development. Some variation, not effecting performance can be expected

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