

SELECT Food Grade AW Hydraulic Oil

Applications

SELECT Food Grade AW Hydraulic Oils are general purpose lubricants for machinery that process, package, or transport food for human consumption. They are formulated with a high purity white mineral oil stabilized with a Vitamin E oxidation inhibitor. These oils are recommended for medium pressure hydraulic and circulating systems.

Characteristics

SELECT Food Grade AW Hydraulic Oils exceed the requirements of U.S. FDA regulation 21 CFR 178.3570 for lubricants with the possibility of incidental contact with food for human consumption, and are registered as H1 lubricants for incidental food contact by NSF. They are colourless, odourless, non-staining lubricants that provide excellent wear, rust and oxidation protection.

| Typical Properties | ASTM Test Method | SELECT Food Grade AW | | | | |
|---------------------------------|------------------|----------------------|---------------|-------|-------|-------|
| | | 32 | 46 | 68 | 100 | 220 |
| ISO Viscosity Grade | D-2422 | 32 | 46 | 68 | 100 | 220 |
| Viscosity cSt @ 40°C | D-445 | 32 | 46 | 68 | 100 | 220 |
| | | cSt @ 100°C | D-445 | 5.3 | 6.5 | 8.3 |
| Flash Point °C | D-92 | 193 | 204 | 213 | 216 | 227 |
| Pour Point °C | D-97 | -9 | -9 | -9 | -9 | -7 |
| Water Separation, min @ 130 °F | D-1401 | 15 | 15 | 15 | 20 | - |
| | | @ 180°F | D-1401 | - | - | - |
| Turbine Oil Rust Test | D-665A | Pass | Pass | Pass | Pass | Pass |
| Four-Ball Wear Scar, mm @ 20 kg | D-2266 | 0.32 | 0.32 | 0.32 | 0.32 | 0.32 |
| | | @ 40 kg | D-2266 | 0.40 | 0.40 | 0.40 |
| Vickers Pump Wear | D-2882 | 15 | 15 | 15 | - | - |
| Oxidation Stability, hrs | | 8000+ | 8000+ | 8000+ | 8000+ | 6000+ |

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