



Dilmar Oil Company

Premium AW Hydraulic Oils

Dilmar Premium AW Hydraulic Oils are superior anti-wear hydraulic and circulating fluids specially formulated with Group II high VI quality base oils and improved thermally stable, long life additives. These oils offer outstanding resistance to sludge formation, reduces water washout additive depletion, are chemically stable, and exhibit excellent anti-wear protection.

Benefits of using Dilmar premium anti-wear hydraulic oils are:

- Excellent oxidation resistance and outstanding thermal stability
- Good filterability, rust protection and demulsibility
- High resistance to additive depletion due to water contact
- Outstanding piston and vane pump performance for longer life
- May be reclaimed through proper reclamation procedures
- When packaged in pails, it is essentially non-conductive for use in aerial overhead service equipment.

Our premium AW hydraulic oils meet or exceed the requirements of all the leading pump manufacturers and their specifications/approvals. Some of these are as follows:

AFNOR E 48-603 **AIST** 126, 127 **ANSI/AGMA** 9005-E02-R0 **ASTM** D 6158 (HM,HV) **B.F.Goodrich** 0152 **Bosch** RE 90 220
Cincinnati Lamb P-68, 69, 70 **Dennison Parker** HF-O, HF-1, HF-2 **DIN** 51524, Part 2 & 3 **Easton-Vickers Pump** M-2950-S
and I-286-S **Ford** M6C-32A **General Motors** LS-2 **ISO** 11158 (HM,HV) **JCMAS** P041(HK) **Jeffrey Hyd Cylinder** No. 87
Lee Norse 100-1 **Racine Var. Vol. Vane** **SAE MS 1004** (HM,HV) **U.S. Steel** 127, 136

| Typical Properties | | | | |
|-------------------------------|--------|--------|--------|--------|
| ISO Grade | 32 | 46 | 68 | 100 |
| API Gravity | 32.1 | 31.7 | 30.2 | 27.3 |
| Viscosity @ 40 °C, cSt | 30.5 | 47.6 | 67.5 | 103 |
| Viscosity @ 100 °C, cSt | 5.3 | 7.0 | 8.7 | 11.1 |
| Viscosity Index, minimum | 109 | 103 | 101 | 95 |
| Flash Point, °F | 420 | 435 | 445 | 471 |
| Pour Point, °F | -30 | -30 | -30 | -30 |
| Zinc, ppm | 325 | 325 | 325 | 325 |
| D-943 Turbine Oxid. Test, hrs | 5,500+ | 5,500+ | 5,500+ | 4,000+ |
| D-2272 RBOT Test, minutes | 450+ | 450+ | 450+ | 400+ |
| D-665B Rust Test | Pass | Pass | Pass | Pass |

06/2015