



# Performance Plus Oils and Lubricants

PERFORMANCE UNDER THE MOST EXTREME CONDITIONS.

## ZINC-FREE ANTI-WEAR HYDRAULIC OIL

**PERFORMANCE PLUS™ Zinc-Free Anti-Wear Hydraulic Oil** is the ideal solution for industrial and mobile hydraulic systems, especially where metal concentrations are a concern. Containing anti-wear and rust inhibiting additives, it remains stable when exposed to moisture and extreme temperatures. Our Zinc-free 46 meets Cincinnati Machine P-70, Denison HF-0, HF-1, HF-2, Vickers 35VQ25, Eaton/Vickers M-2950-S, I-286-S, V-104C, Ford M6C32, DIN 51524-2, and General Motors LS-2 specifications.

The foundation of Performance Plus Oils are Kleen Performance Products' hydro-treated, high VI base oils.

### PERFORMANCE PLUS PROPERTIES

|                                  |       |       |       |
|----------------------------------|-------|-------|-------|
| ISO Viscosity Grade              | 32    | 46    | 68    |
| Color                            | L 1.0 | L 1.5 | L 2.5 |
| Specific Gravity @ 15°C (60°F)   | 0.858 | 0.862 | 0.868 |
| Kinematic Viscosity              |       |       |       |
| cSt @ 40°C                       | 31.9  | 44.6  | 64.6  |
| cSt @ 100°C                      | 5.6   | 6.9   | 8.9   |
| Viscosity Index                  | 115   | 112   | 111   |
| Flash Point, °C                  | 228   | 240   | 246   |
| Pour Point, °C                   | -33   | -30   | -30   |
| Zinc, µg/g                       | < 2   | < 2   | < 2   |
| Demulsibility D1401              | Pass  | Pass  | Pass  |
| Oxidation Stability D943, hrs    | 3000  | 3000  | 2500  |
| Rust Characteristics D665, A & B | Pass  | Pass  | Pass  |
| Copper Corrosion                 | 1A    | 1A    | 1A    |

**For additional qualifications, please contact your Performance Plus Products Sales Representative.**

Note: Values shown above are representative of current production and may vary within modest ranges. Rev. 05/17