



CALIBER ANTI-WEAR HYDRAULIC OILS

DESCRIPTION

Caliber Anti-wear Hydraulic oils are manufactured using high quality base oils and advanced additive technology that provides exceptional performance in systems that require anti-wear protection, resistance to oxidation, thermal stability and anti-foaming capabilities. These hydraulic oils were developed for use in systems where performance and quality are critical considerations in the selection of a hydraulic oil, and ensure maximize service life of the pump. Caliber Anti-wear Hydraulic oils are available in three commonly used ISO viscosity grades: 32, 46 and 68.

Caliber Anti-wear Hydraulic oils are formulated to industry specifications and standards to ensure performance and quality.

PERFORMANCE BENEFITS

In service Caliber Anti-wear Hydraulic oils will provide:

- Extended oil life
- Antiwear and EP performance
- Imparts excellent thermal filterability and demulsibility characteristics
- Excellent thermal and oxidation stability

RECOMMENDED USES

Caliber Anti-wear Hydraulic oils are recommended for use in all types of piston, gear and vane type pumps used in industrial and mobile equipment operated in demanding conditions. These oils are also recommended for use in industrial equipment and other general lubrication applications where oils of this type are specified.

These oils should NOT be used in systems that contain silver or silver plated components.

SERVICE SPECIFICATIONS

Caliber Anti-wear Hydraulic oils are formulated to meet and exceed the following pump manufacturers' specifications:

- Denison HF-O, HF-2
- Cincinnati Milacron P-68, P-69, P-70
- US Steel 127, 136
- Meets DIN 51524, Part 11 @ (0.4-0.5 wt %)
- G M LS-2

SERVICE SPECIFICATIONS cont.

- Afnor NFE 48-603
- Sauer – Sunstrand

TYPICAL CHARACTERISTICS

ISO Viscosity Grade	32	46	68
Density kg/l	0.866	0.868	0.870
Flash Point (°C)	175°C/min	175°C/min	175°C/min
Kinetic Viscosity:			
cSt @ 40° C	32	46	68
cSt @ 100° C	4.4	6.1	7.7
Viscosity Index	105	105	102
Pour Point (°C)	Less than -20°C	Less than - 10°	Less than -1°C

Manufacturers' recommendations should be consulted when selecting the correct lubricant.