



## Steel Shield Technologies

### SST-ECI TV T-Power Hydraulic Oil No.32/46/68/100

ECI T-Power Hydraulic Oil is a premium quality anti-wear hydraulic oils intended for industrial and mobile service application where anti-wear lubricants are required. The oils are formulated with enhanced ABF technology and high quality base oils that results in products that provides many features to improve and prolong equipment life.

#### BENEFITS

- Excellent anti-wear performance reducing pump wear and extending pump life
- Reduction of sludge and deposit formation in close tolerance components such as servo valves
- Exceptional corrosion protection reduces the negative effects of moisture on system components
- Good oxidation stability and good filterability
- Reduce downtime 300% and more
- Extends the life of hydraulic components upto 400% (conditional to the physical status)
- Improves efficiency in terms of smoothness

#### APPLICATION

- most of the hydraulic systems under light to moderate operation conditions, particularly for older machines that oil change is more often
- system employing gear, vane, radial and axial piston pumps where anti-wear hydraulic oils are required
- system requiring a high degree of load-carrying capability and anti-wear protection
- system containing gears and bearings where mild and anti-wear characteristics are required

#### TYPICAL SPECIFICATION

ISO Grade		32	46	68	100
Density @ 15°C, kg/l		0.872	0.874	0.881	0.89
Kinematic Viscosity,					
@ 40°C, cSt	ASTM D445	30.4	46	68.5	98.5
@ 100°C, cSt	ASTM D445	5.23	6.75	8.7	11
Viscosity Index	ASTM D2270	100	100	99	97
Flash Point (COC), °C	ASTM D92	219	225	230	239
Pour Point, °C	ASTM D97	-20	-20	-18	-15

Whilst these characteristics are typical at current production, it may vary in the future subject to Steel Shield's final production specification.

IMPORTANT Reminder: In case of an oil change, we recommend the system be flushed for precaution of any possible cross effects between the new and the old oils of different make, and to maximize the performance and the lifetime of the new oil.