HYDO SAFE

HYDRAULIC OIL

HYDO SAFE is primarily for use in hydraulic equipment, but is also suitable for other duties in which lubricants of high oxidation stability and lubrication performance are required.

HYDO SAFE are :

- Very low rates of wear therefore extended life for hydraulic components;

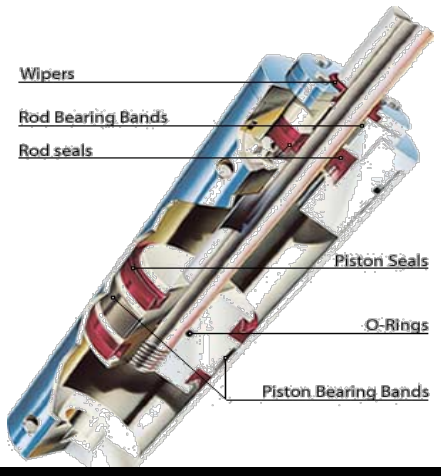
- High chemical stability; resists breakdown of the oil, and there by preventing deposition of sludge and lacquers in both the system and the reservoir; so there are fewer shutdowns for maintenance and long life for the hydraulic oil it self

- Having good low temperature characteristics and offering a wide choice of Viscosities .
The properties of their solvent refined base oils are enhanced by full additive treatment to minimize oxidation and foaming and to ensure long machinery life by reducing wear to a minimum and preventing corrosion.

HYDO SAFE are compatible with the seal materials in modern **Hydraulic Systems.**

Excellent filterability; no tendency to block fine filter when water contamination is present; therefore trouble free operation of hydraulic systems.

- Viscosity for film maintenance
- Low temperature fluidity
- Thermal and oxidative stability
- Hydrolytic stability / water tolerance
- Cleanliness and filterability
- Demulsibility
- Antiwear characteristics
- Corrosion control
- Foaming control



GRADE	Test Method	Units	HYDO SAFE								
			10	22	32	46	68	100	150	220	320
Density @ 15°C	ASTM D1298	kg/l	0.852	0.867	0.894	0.879	0.904	0.912	0.914	0.915	0.915
Flash Point	ASTM D92	°C	150	198	201	215	219	237	243	255	261
Kin Viscosity @ 40°C	ASTM D445	cSt	9.4	22	33	46	68	96	150	210	315
Kin Viscosity @ 100°C	ASTM D445	cSt	2.58	4.2	5.3	6.9	7.9	9.8	13	17	22
Viscosity Index	ASTM D2270		110	108	105	104	103	105	107	110	107
Pour Point	ASTM D97	°C	-29	-22	-25	-30	-18	-15	-12	-9	-9

The above figures are typical of those obtained with normal production tolerances and do not constitute a specification.