



Quantum Pearl Hydo Oil

Description

Hydraulic oil series is HLP type hydraulic oil and are blended from high quality, chemically-stable solvent refined base oils and incorporated with balanced additive system which include anti wear and oxidation inhibitors. Utilization of Hydraulic oil will provide excellent wear protection in hydraulic and circulation systems and good air release properties.

Product Characteristics*

Application

Hydraulic oil are recommended for most types of hydraulic systems, moderately-loaded gears and bearing lubricated by circulation and bath and ring oiling. They are not recommended to be used with yellow and white metals components in any equipment. They are available in a wide range of viscosities to meet a variety of design and operating requirements.

Benefits :

Specific Gravity @ 15 °C	-	0.874	0.882	0.879					ASTM D-4052	
Viscosity	@ 40°C	mm ² /s	31.7	37.3	46.5	69.3	99.0	149.9	ASTM D-445	
	@100 °C	mm ² /s	5.45	5.9	6.9	8.9	11.2	14.7	ASTM D-445	
Viscosity Index	-	104	102	102	103	99	98		ASTM D-2270	
Flash Point, COC	° C	218	224	230	254	260	272		ASTM D-92	
Pour Point	° C	-12	-9	-9	-9	-6	-6		ASTM D-97	
Color	-	1.0	1.0	1.5	1.5	2.0	2.5		ASTM D-1500	
PROPERTIES	UNITS	VALUE					TEST METHOD			
ISO Grade	-	32	37*	46	68	100	150		DIN 51511	
					0.885	0.890	0.895			

Performance Level

- Excellent anti-wear performance.
- Provide rust and corrosion protection.
- Superior Filterability.
- Low friction.
- Excellent water separation, air release and antifoam properties.
- Hydrolytic stability.
- Seal and paint compatibility.

AFNOR NFE 48603 HM
Cincinnati Milacron P-68, P-70 & P-69
David Brown Table E
Denison HF-O, HF-2
DIN 51524 Part I & II
Sperry Vickers M 2952 S