

PATRON HYDRON HLP

PRODUCT DESCRIPTION :

PATRON HYDRON HLP hydraulic oil is a high viscosity index anti-wear hydraulic oil. It has been specially formulated to provide good anti-wear and thermal stability performance using the very latest additive technology. It provides excellent wear protection for hydraulic pumps and motors, has excellent oxidation resistance and thermal stability at high temperatures to minimize deposit formation and provide long service life, and protects hydraulic system components against rust and corrosion.

APPLICATION :

PATRON HYDRON HLP hydraulic oil is recommended for mobile and static hydraulic applications of industrial and other equipment, hydraulic cranes and lifts, loaders, reach trucks, forklifts, excavators, dumpers, loading ramps, and tailboards.

FEATURES & BENEFITS :

- Good thermal and oxidative stability leads to longer operating life.
- Excellent anti-wear performance gives wear protection and reduces downtime.
- Excellent water separation and hydrolytic stability.
- High ageing stability / High oxidation stability.
- Excellent filtration behavior (dry, wet)
- Low foaming.

PERFORMANCE LEVELS / MEETS OR EXCEEDS:

- DIN 51524-2 HLP
- ASTM D6158-05 HM
- Eaton (Vickers) M-2950 S, I-286 S
- ISO 11158 HM

TYPICAL PERFORMANCE :

PARAMETERS	TEST METHOD	UNIT	PATRON HYDRON HLP				
			22	32	46	68	100
Grade			22	32	46	68	100
Kinematic Viscosity @ 104°F /40°C	ASTM D-7042	cSt	22	32	46	68	100
Kinematic Viscosity @ 212°F /100°C	ASTM D-7042	cSt	4.25	5.45	6.89	8.70	11.07
Viscosity Index	ASTM D-2270	-	97	105	104	99	97
SP. Gravity @15°C/ 60°F	ASTM D-4052	g/cm ³	0.845	0.860	0.865	0.870	0.880
Flash Point (min)	ASTM D-92	°C	204	200	200	200	200
Pour Point (max)	ASTM D-97	°C	-33	-35	-35	-35	-35

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further information on Safety Guidelines please refer to MSDS.

STORAGE:

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.