POT 2220

HYDRAULIC OIL ADDITIVE

CARS

SINCE 1990

When Quality Matters...

Manufacturer and Suppliers of Engine Oil, Oil Additives, Lubricating Oil, Base Oil

POT 2220 - HYDRAULIC OIL ADDITIVE (ASHLESS)

APPLICATION:

POT 2220 Zinc free specially designed additive package to give high performance variety of Hydraulic applications including Denison HF0, HF 1, HF 2, Cincinnati Milacron, US steel 127, 136 & DIN 51524 part II , Vickers vane pump specifications.

POT 2220 additive package is formulated with suitable additives components to perform excellent Antioxidation, Antiwear, Rust & corrosion Inhibitor characteristics, metal passivator, Demulsibility & Anti Foaming behavior.

Due to ash less type additives it gives long life performance and restricts oil degradation preventing additives dissociations at high stress & pressure as compare to Zinc based additive package which works under limited machine & environmental effect.

Properties	Typical Values
Colour ASTM	3.0
Viscosity @ 40° C, cSt., Min.	18
Flash Point, COC°C, Min	180
Sp. Gravity @ 27° C	0.89
Ash Contents	NIL
Nitrogen content % Min	1.0
Chemical reactivity with other gase	Inert

DOSAGE: 0.75 – 1.0% w/w : Blanding At 50°C

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When blended with solvent refined/ hydro treated ISO VG 46 base stocks (typical) at the treat level of 0.75 - 1.0 % w/w it gives the following performance results.

Cu Strip Corrosion, 3 Hrs. @ 100° C (ASTM D 130)	< 0.7
Rust Test (ASTM D 665 A & B)	PASS
Demulsibility (ASTM D 1401) in 20 minutes	40-40-0
Air release value @ 50° C Max. minutes	3.5
Seal Compatibility Test	PASS
Cincinnati Milacron Test	PASS
Hydrolytic stability	PASS
FZG Rig Test, pass stages	12
Foam Test (ASTM D 892) Sequence I (@ 24° C) Sequence II (@ 93.5° C) Sequence III (@ 24° C)	 100/0 30/0 100/0
RBOT (ASTM D 2272), minutes	470+
TOST (ASTM D 943),(Hrs to reach TAN value 2.0 max.)	2800+

PACKAGE, STORAGE AND TRANSPORTATION:-

The product should be packed, marked, stored, transported and accepted on delivery. It is nonflammable, in explosive and in corrosive. When storage, transportation and blending the highest temperature should not exceed 60oC. the ambient temperature should not exceed 50oC for longterm storage. Protective articles should be used. Do not contact skin.