Product Data Sheet

**Aminol™ HLP 220**

Hydarulic oil

**Product description**

Aminol™Hydraulic Oil HLP 220 is a premium hydraulic fluid based upon highly refined mineral oil enhanced with precisely balanced component additive system. It has specially been designed to offer improved performance to meet the demands of high-pressure and high-output hydraulic systems, delivering increased oil life, outstanding wear protection and excellent deposit control in the processes.

**Application**

**Features & Benefits**

* Exceptional thermal and oxidation stability
* Superior wear resistance
* Enhanced corrosion protection
* Controlled demulsibility
* Excellent anti-foam properties
* Neutral to seal materials

**Typical Properties**

| **Property** | **Unit** | **Test method** | **Typical value** |
| --- | --- | --- | --- |
| ISO viscosity grade | - | - | 220 |
| Density at 20°C | g/cm3 | ASTM D4052 | 0.894 |
| Kinematic Viscosity at 40°C | mm2/s | ASTM D445 | 220.0 |
| Viscosity Index | - | ASTM D2270 | 93 |
| Flash Point (COC) | °C | ASTM D92 | 258 |
| Pour Point | °C | ASTM D97 | -12 |
| Water separability  -time to 3 ml emulsion min | min | ASTM D1401 | 20 |
| Oxidation Stability after 1000h/TAN increase | min | ASTM D3427 | <1.5 |
| Copper Strip Corrosion, 3 h, 100 °C | - | ASTM D130 | 1 |
| Rust-Preventing Characteristics, A&B | - | ASTM D665 | Pass |

Typical property characteristics are based on current production. Whilst future production will conform to Aminol™ specifications, variations in these characteristics may occur.

**Performance claims**

* DIN - 51524 -2
* ISO - 11158, HM
* ISO - 6743-4, HM
* GB 11118.1-2011
* US STEEL - 126/127

**Health, Safety & Environment**

* **Health and Safety**

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained.

For further guidance on Product Health & Safety refer to the appropriate Safety Data Sheet which can be obtained upon request or through our website: [www.aminol.az](http://www.aminol.az)

* **Protect the Environment**

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

**Available pack sizes**

* 18 L Canister plastic
* 20 L Canister plastic
* 30 L Canister plastic
* 200 L Drum sheet metal
* 1000 L Container

**Storage**

* We recommend to store all packages under cover.
* Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings.
* Products should not be stored above 60 °C, exposed to hot sun or freezing conditions.

**Notes**

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