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Product Data Sheet



NOTE: The information in this publication is the result of careful testing in our laboratories, complemented by selected literature. It does not in any way constitute a guarantee, nor does it serve as a license to operate any patent. Due to widely varying conditions of product use, which are beyond our control, it is strongly recommended that the product be tested for suitability. Product typical properties in this publication are current.

SYNTHETIC HYDRAULIC

HYSYN-22

Summit HySyn-22 ashless hydraulic oil is formulated from the highest quality synthetic hydrocarbons to meet the requirements of all types of hydraulic systems. HySyn 22 is rust and oxidation inhibited and protects against the formation of sludge. It is compatible with seal materials normally used in hydraulic systems.

HySyn-22 was specifically developed for low temperature hydraulic applications and is approved by Bucyrus International, Inc. as a hydraulic oil in their (Bucyrus-Erie) 39R, 49R, and 59R Blast Hole Drills.

Summit HySyn-22 is primarily recommended for extended fluid and component life in extreme cold temperature applications. Included in these recommendations are applications in mobile and stationary hydraulic systems utilizing piston, vane and gear pumps operating over a wide range of pressures and temperatures.

Physical Properties

| PRODUCT | HYSYN-22 |
|--------------------------------------|-------------------|
| ISO Grade | 22 |
| Specific Gravity | 0.821 |
| Viscosity | |
| @ 40°C, cSt | 20.8 |
| @ 100°C, cSt | 4.48 |
| @ -40°C, cSt | 3298 |
| Brookfield | |
| Viscosity @ -40°C, cP | 3340 |
| Viscosity Index | 130 |
| Flash Point, °F (°C) | 425 (218) |
| Fire Point, °F (°C) | 475 (246) |
| Pour Point, °F (°C) | -85 (-65) |
| Demulsibility | 40/40/0 (5 mins.) |
| Hydrolytic Stability, 200°F, 48 hrs. | |
| Cu Wt. Loss, mg/cm ² | 0.1 |
| Viscosity Change, % | 1.31 |
| TAN Change, mg KOH | -0.08 |
| TAN H ₂ O, mg KOH | 0.43 |
| Insolubles, % | 0.00 |

Shelf Life: Product shelf life is 3 years from the date of manufacture, after which the product should be recertified prior to use.