

TECHNICAL DATA SHEET SUPERDRAULIC ARCTIC LOW POUR 26



DESCRIPTION

SUPERDRAULIC ARCTIC LOW POUR 26 is a specially formulated low pour hydraulic oil with excellent low-temperature properties that ensures the hydraulic fluid flows at temperatures where conventional hydraulic fluids might be too viscous for equipment to operate smoothly and safely. The oil is based on carefully selected base stocks and special additives package and has extremely high viscosity index, allowing operation over a wide temperature range. They are engineered to maintain close viscosity control over wide temperature range applications. Due to its high resistance to changes in viscosity, the product is recommended for hydraulic systems that are subject to wide temperature range, especially in systems that requires consistency in viscosity and are sensitive to viscosity change of the fluid. SUPERDRAULIC ARCTIC LOW POUR 26 displays excellent sub-zero flowability characteristics and provide very good anti-wear protection for high-pressure vane, piston and gear pumps.

SUMMARY OF BENEFITS

- Very high viscosity index (VI) and low pour point for use in winter and arctic conditions
- Minimum change of viscosity to prevent breakage of hydraulic hoses and improves machine accuracy
- Excellent wear protection for hydraulic pumps & engine
- Allow safe equipment startup at a very low temperatures, with no or minimum heating of system being required
- Delivers increased equipment availability and more efficient operation of the hydraulic system, which in turn, helps achieve higher productivity
- Exceptional rust and corrosion protection reduces moisture on system components
- Very low pour points maintains excellent fluidity conditions at low temperatures

APPLICATIONS

- Suitable for very low or sub-zero temperature arctic operating environment
- Hydraulic systems which require consistent and uniform oil viscosity over a wide temperature range
- Systems with low temperature start-up and high operating temperatures
- Equipment with precision hydraulic system, heavy and light duty hydraulic systems operating under severe temperature

TYPICAL CHARACTERISTICS

ISO GRADE 26	TEST METHOD	UNITS	RESULTS
COPPER STRIP CORROSION,3H @ 100 C	ASTM D130	-	1a
KINEMATIC VISCOSITY			
@ -40°C	ASTM D445	mm ² /s	896
@ 40°C	ASTM D445	mm ² /s	26
@ 100°C	ASTM D445	mm ² /s	9.3
VISCOSITY INDEX	ASTM D2270	-	370
POUR POINT	ASTM D97	°C	-60
FLASH POINT (COC)	DIN EN ISO 2592	°C	>100

Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute any legal liability.

STORAGE INSTRUCTIONS & HEALTH, SAFETY AND ENVIRONMENT INFORMATION

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C. Health, safety and environmental information is provided for this product in the relevant Materials Safety Data Sheet, which can be obtained by contacting Gulf Western Oil on: 02 9673 9600.

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