DURAGARD® ARCTIC BLUE LOW TEMP HYDRAULIC OIL

ADVANCED TECHNOLOGY, PREMIUM SYNTHETIC LUBRICANTS
NAPTHINIC / PARAFINIC BLENDED ALL WEATHER 10WT HYDRAULIC OIL

DURAGARD® ARCTIC BLUE LOW TEMP HYDRAULIC OIL is formulated with high viscosity index (HVI) base oils and a precise balance of additives to deliver excellent low temperature properties, oxidation control, wear protection, resistance to rust, corrosion and foaming, and protect against the formation of deposits and sludge. The HVI moderates viscosity change in all temperatures, therefore this hydraulic oil may be used in precision hydraulic control systems. These qualities provide the durability necessary for long service intervals and the ability to be used in applications year-round. The extreme low temperature properties makes this capable for use in arctic conditions.

DURAGARD® ARCTIC BLUE LOW TEMP HYDRAULIC OIL is designed to lubricate the most demanding on highway, as well as off-highway low temperature applications. This product is recommended for bucket trucks (cherry pickers), snow plows, garbage trucks, industrial and mobile equipment, and most hydraulic equipment where there is a wide range of operating temperatures and reliability is critical. This oil is suitable for most automotive and industrial type low temperature hydraulic applications where the benefits of a Napthinic blended fluid can be optimized.

DURAGARD® ARCTIC BLUE LOW TEMP HYDRAULIC OIL has a high dielectric strength* for use in electrical service or tree trimming bucket trucks. Sealed containers of Arctic Blue Hydraulic oil are guaranteed to have a minimum dielectric strength of no less than 28 KV when packaged. This is important for boom trucks and man lifts that may come into contact with an external power source. Dielectric strength is extremely sensitive to handling conditions, contamination, and humidity.

Customer Benefits with DURAGARD® *DIAMOND PLATE PROTECTION®*

* **Smoother operation** — Excellent frictional control assures quiet and efficient action of hydraulic systems while reducing cavitaion and wear even under severe operating conditions of low or high temperature and high load.

* **Reduced downtime** — Year-round protection against ear, rust, corrosion, sludge, and foaming.

* **Long oil life** — High dielectric strength* for use in electric service bucket trucks.

* **Extreme Low Temperature** — Excellent low temperature properties for use in arctic conditions.

* Fluid must be kept clean and free of water contamination in order to maintain dielectric strength.

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Application Specifications:

DURAGARD® ARCTIC BLUE LOW TEMP HYDRAULIC OIL

This product meets, or exceeds the requirements similar to the following manufacturers and global specifications:

Cincinnati Milacron
Denison
Vickers
FMC
Bosch Rexroth
DIN

Hydraulic System Applications:

Bucket trucks (cherry pickers)
Snowplows
Garbage trucks
Outdoor stationary hydraulic units
Industrial and mobile equipment
Surface mining equipment
Public utility vehicles
Fire fighting lift trucks
Construction equipment operating in cold climates
Cranes and aerial lifts

Product Containers Available:
Bulk * 55 gal. * 30 gal. * 5 gal. pails * 2.5 gal/2pk

Typical Physical Specifications:
SAE Grade 10WT
Product Code: DURARCBLUxx

INSPECTION INFORMATION	TEST METHOD	TYPICAL VALUE
Gravity API	ASTM D287	21
Viscosity @ 40°C cSt	ASTM D445	22
Viscosity @ 100°C cSt	ASTM D445	4.8
Viscosity @ 100°C SUS	ASTM D2161	106
Viscosity @ 210°C SUS	ASTM D2161	42
Viscosity Index	ASTM D2270	145
Pour Point °C (°F)	ASTM D5950	-65 °C (-85 °F)
Flash Point °C (°F)	ASTM D92	-160 °C (-320 °F)
Dielectric Strength*, kv	ASTM D877	28
ASTM Rust Test	ASTM D665	Pass
Foam Test	ASTM D892	Pass
Turbine Oil Stability Test, hrs		2500
Color		Blue

* At point of manufacture.
Typical test data average values only, minor variations which do not affect product performance are to be expected during normal manufacturing.

READ ENTIRE SDS BULLETIN FOR HANDLING AND SAFETY INFORMATION

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http://duragardoil.com/duragard_hyd_arctic_blue_1515_ghs.php

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