



SHELL DROMUS[®] OIL ABD 201

Premium soluble oil for metal removal applications

Product Description

Shell Dromus[®] Oil ABD 201 provides excellent cooling, lubricity and rust protection for use in a wide range of grinding and machining operations. Depending on speeds, feeds, and metallurgy, Shell Dromus[®] Oil ABD 201 can be emulsified typically at 20:1 to 40:1 water/oil ratios for drilling, forming, planing, milling, sawing and turning applications.

Shell Dromus[®] Oil ABD 201 is a general-purpose soluble oil containing a high level of emulsifiers for superior performance. Shell Dromus[®] Oil ABD 201 readily emulsifies and forms very stable emulsions even with relatively hard waters and at high dilution ratios. Shell Dromus[®] Oil ABD 201 is suited for light machining and is especially recommended for grinding operations where very clean emulsions are typically required to permit rapid settling of fines. This feature helps the emulsion keep the circulating lines clean and allows free flow of coolant to the workpiece. The absence of recycled grinding dirt in the emulsion helps keep grinding wheels free cutting, thus producing excellent finishes and promoting longer wheel life.

Shell Dromus[®] Oil ABD 201 should be stored between 40°F and 100°F in dry conditions. DO NOT SUBJECT TO FREEZING TEMPERATURES AS PRODUCT COULD BECOME UNUSABLE.

Applications

- light to moderate duty machining and grinding
- machining of ferrous and non-ferrous metals
- fire resistant hydraulic fluid systems

Features/Benefits

- excellent cooling/lubricity properties
- helps to extend tool life
- low foaming tendency
- reduced grinding wheel wear
- no nitrites, silicone, or heavy metals
- easy emulsification
- stable emulsions in a wide range of water hardness
- good rust protection for both machine and parts
- easy removal from part with water
- reduction of disposal costs for solvents/cleaners

Typical Properties of Shell Dromus® Oil ABD 201		
	Test Method	Dromus ABD 201
Product Code 55 gallon drum 5 gallon pail		6104200055 6104205203
Appearance		Dark Pale
Gravity, °API	D 1298	28.8
Viscosity, cSt @ 40°C	D 445	41.9
Water, Vol.%	D 95	1.7
Reserve Alkalinity, meq HCl/g		0.10
Emulsion Stability 600 ppm H ₂ O Hardness Oil mm/Cream mm		2/1
Emulsion Stability, DI Water Oil mm/Cream mm		0/0
Cold Test @ 40°F		Pass
Chip Rust Test, No Rust @		30:1

Handling & Safety Information

For information on the safe handling and use of this product, refer to its Material Safety Data Sheet <http://www.shell-lubricants.com/msds/>. If you are a Shell Distributor, please call **1+800-468-6457** for all of your service needs. All other customers, please call **1+800-840-5737** for all of your service needs. Information is also available on the World Wide Web: <http://www.shell-lubricants.com/>.