

Shell FENELLA® Oil BCR

Cold Rolling - Brass

Shell FENELLA® Oil BCR 15 and 46 are Brass Cold Rolling Oils utilizing a specialized metal-free additive technology and high quality group 2 base oils.

Main Applications

Shell FENELLA® Oil BCR 15 and 46 are Group 2 mineral oil based cold rolling oils containing a blend of specialized metal-free additives to provide the best possible performance for brass rolling applications. Shell FENELLA® Oil BCR 15 and 46 are intended for neat oil application systems to provide the cooling and lubrication requirements demanded during the reduction process.

Shell FENELLA® Oil BCR 15 and 46 provide:

- Superior oxidation resistance
- Good anti-wear and load carrying performance
- Excellent water-shedding properties
- High air release / low foaming properties
- Good filterability

Advice on applications not covered in this handbook may be obtained from your Shell representative.

Typical Physical Characteristics

Shell FENELLA® Oil	Method	BCR 15	BCR 46
Appearance @ 25°C		Clear	Clear
Specific gravity @ 20°C	(ASTM D 1298)	0.87	0.874
Viscosity @ 40°C (cSt)	(ASTM D 445)	15.0	46.2
Viscosity Index	(ASTM D 567)	>95	99
Neutralization Number	(ASTM D 974)	<0.3	<0.2
Flash Point °F	(ASTM D 92)	>360	>360

These characteristics are typical of current production. While future production will conform to Shell specifications, variation in these characteristics may occur.

Storage Requirements

Recommended temperature for bulk storage is 50-86 °F (minimum 32°F, maximum 140 °F). Drum / IBC stock should be stored indoors (if possible) and protected from frost and water ingress.

Handling and Safety Information

For information on the safe handling, storage, or use of this product, refer to its Material Safety Data Sheet at <http://www.epc.shell.com/>. If you are a Shell Distributor, please call 1+800-332-6457 for all of your service needs. All other customers please call 1+800-237-8645 for all of your service needs.

Protect the Environment

Do not discharge into drains, soil, or water.