



PRODUCT BULLETIN



488 RED CROWN LUBRICANT

"A third generation, semi-synthetic lubricant designed to combat extreme conditions of pressure, shock-loading, moisture and heat."

DESCRIPTION:

Utilizing the latest advances in lubricant technology, this rugged, heavy-duty multi-purpose lubricant is formulated to extend lubrication schedules while providing maximum lubrication in the most severe operating conditions such as water, heat, speed, pressure and shock-loading. Two independent tackifying systems provide outstanding adhesion (clingability) and cohesion to withstand shockloading. This full bodied lubricant is fully water resistant and will not wash out of bearings, pins and bushings, even under constant water spray. The special thickening agents are unsurpassed in heat resistance and actually contribute to the anti-wear capabilities of this versatile, multi-purpose lubricant. The semi-synthetic nature of this formulation resists the emulsifying (leaching) effect of down coiler applications and the similar effect of rolling oil solutions found in the hot and cold metal rolling industry.

Because of its excellent mechanical and thermal stability, this lubricant consistently reduces product usage by extending lubrication intervals several times that of conventional lubricants.

This product is certified to contain no chlorinated naphthalenes, lead anphthanates or chlorinated biphenyls.

Surpasses 60 O.K. Timken Load.

APPLICATIONS:

Earth-moving equipment, fifth wheels, universal joints, flexible couplings, belt filter presses, chassis points, rotating biological contractors, open gears, chains and sprockets. Excellent for use in the down coiler bearings, wedges and/or links of the Generation II Hot Strip Mills and also cold roll applications exposed to hot rolling oil solutions found in the steel and aluminum industry.

Available in two grades:

488-1 is recommended for moderate to high speeds or where pumpability is a problem.

488-2 is recommended to obtain maximum durability in slow-moving applicacations where low ambient temperatures will not make pumping difficult.

USER BENEFITS:

- * SUPERIOR EXTREME PRESSURE
- * WILL NOT WASH OUT
- * EXCELLENT THERMAL STABILITY
- * WITHSTANDS SHOCK-LOADING
- * USDA APPROVED
- * VERY TACKY
- * REDUCES MAINTENANCE
- * SEALS OUT CONTAMINATES
- * NO OIL SEPARATION
- * COOLER RUNNING BEARINGS
- * DISTINCTIVE COLOR

TYPICAL TEST DATA:

STEELCO CODE NO.	488-2	488-1
NLGI	2	1
Penetration (Worked)	270	315
Thickener	Semi-Synthetic	Semi-Synthetic
Texture	Tacky	Tacky
Dropping Point, °F	500+	500+
Timken Load, Lbs.	60+	60+
Color	Dark Red	Dark Red
Base Oil:		
Viscosity SUS @ 100 °F.	4000+	4000+
Viscosity SUS @ 210 °F	214	214
Viscosity Index	65	65
Flash Point, °F	460	460
API Gravity	22.2	22.2

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