

DIVYOL CYLINDER OIL BDE 402 X

Applications:

Divyol Cylinder Oil BDE 402 X is an extra-high performance, high viscosity cylinder oil designed for use in enclosed worm gears in moderate to severe operating conditions, such as heavy loads, slow speeds or high temperatures and wherever high viscosity oils would be required. It is also intended for use in all steam engine applications. It is widely used in couplings and bearings with viscosity grade depending on operating conditions in steam engine applications. It is recommended for saturated and superheated steam up to 260°C. It can be applied both by drip feed cups and force feed mechanical lubricating devices.

Standards:

Divyol Cylinder Oil BDE 402 X is formulated with high quality base stocks that provide greater resistance to oxidation, thermal degradation and excessive build-up of harmful deposits caused by the high operating temperatures of steam cylinders. The blend includes special additives that enhance the frictional and load carrying properties of the machine. The product conforms to IPSS 1-09-010 specifications.

Advantages:

Divyol Cylinder Oil BDE 402 X possesses excellent anti-wear and low friction properties. The combination means effective protection against rust and corrosion, good film strength, excellent lubricity and greater resistance to water washout. It establishes a good sealing film around rods and in glands in steam applications and facilitates very good water separation in absence of additives. It proves its mettle especially in severe operating conditions and variable load conditions by helping to avoid unexpected downtime and equipment replacement. These benefits sum up into fewer unplanned stoppages, reduced maintenance costs and therefore greater productivity.

Typical properties:

Sr. No.	Characteristics	Test Method	Divyol Cylinder Oil BDE 402 X
1	Appearance	Visual	Bright and clear
2	Colour	ASTM D 1500	Dark greenish brownish
3	Flash point, COC °C, min.	ASTM D 92	230
4	Kinematic viscosity, at 100 °C, cSt, min.	ASTM D 445	12.50 – 16.30
5	Viscosity index, min.	ASTM D 2270	120
6	TBN, mg KOH/g of oil, min.	ASTM D 2896	18
7	HTHS at 150°C, min.	ASTYM D 4683	3.7
8	Pour point, °C, max.	ASTM D 97	-9
9	Copper strip corrosion, 3 hrs. 100 °C	ASTM D 130	1b
10	Saponification value	–	10 – 12

The above properties are typical values and do not constitute specification of the product.

Disclaimer: Gandhar makes no warranties, representation or conditions of any kind expressed or implied for use with respect to these products. Final determination of suitability of the product for the application contemplated by the users is solely their responsibility.