

Hi-Tech GREASE STEEL-2 Long Life High load Caring Grease

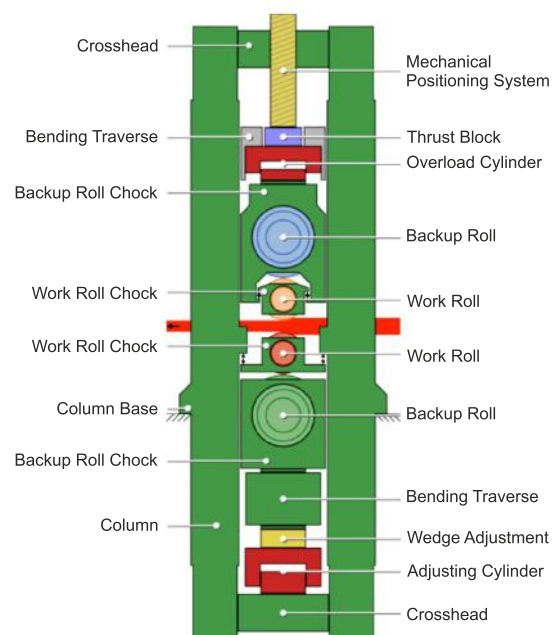
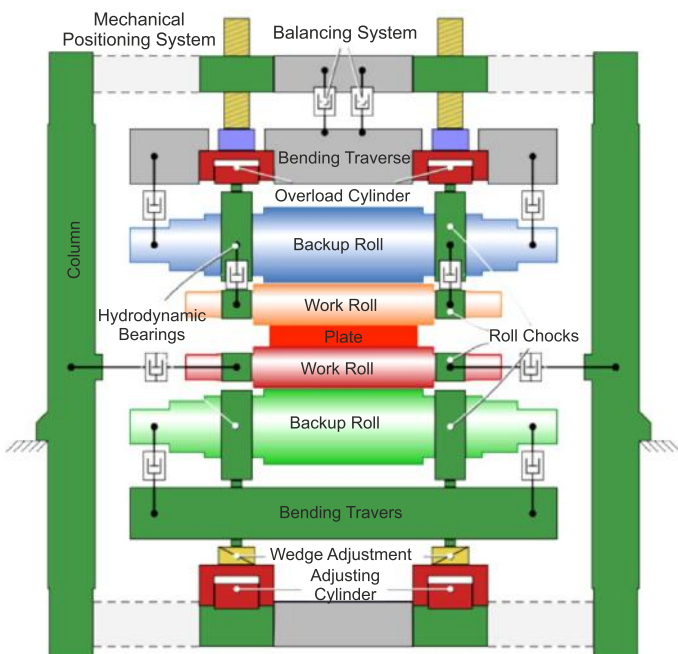
Description

High performance specialty greases Hit-Tech Grease Steel-2 is designed to extend the service life of the bearings in heavy-duty application and elevated temperature. This greases match the rugged service requirements of rolling mills. Load carrying and anti wear capabilities of these greases along with high performance is the result of chemical additives. These additives are dispersed uniformly through out the greases attributing superior load carrying/ anti wear characteristics and excellent water resistance to cold and hot water. Steel Plants encounter one of the most severe application regimes as far as lubrication is concerned. In the rolling process, the space setting between rollers is reduced after each consecutive pass of the sheets. The bearings must, therefore, tolerate high initial impact loading and must then sustain loading over long time periods as the sheets are thinned to a final prescribed dimension.



Application

Lubrication in an integrated steel plant is a major challenge with numerous types of lubricants and various types of equipment. The steel plant equipment work under various operating parameters; like from extreme heavy load to very high speed, low temperatures to high temperatures, dusty polluted environment to humid acid environment. Therefore proper selection of lubricant is much essential for smooth operation in steel plants and reliability of equipment.





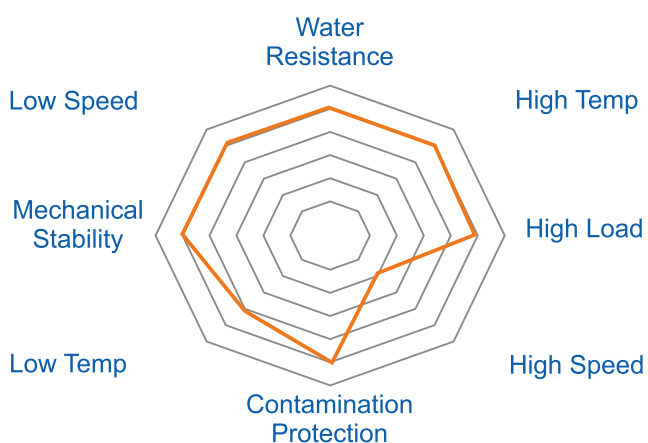
Hi-Tech GREASE STEEL-2

**Long Life
High load Caring Grease**

Product Advantage

A Water Resistant, High Load bearing premium quality grease was developed with required performance criteria. This is specially formulated to meet the demand of severe water wash- out and AW grease for boundary lubrication. This grease is recommended for both plain and anti-friction bearings for wide variety of applications such as automotive and industrial applications. It is preferred for Steel Mill Lubrication under high load and high water wash-out conditions.

Performance Properties



Timken Test Result



Technical Properties

Characteristics \ Series	Test Method	Hi-Tech Grease Steel-2
Color	Visual	Blue
Appearance	-	Smooth & Buttery
Type of soap	Actual	Mix complex thickener
NLGI Grade	ASTMD 217/DIN 51818	2
Operation temperature Range °C	-	-10 to > 200°C
Four ball weld load N/Cm2	IP- 239	6000
Dropping Point °C	NFT 60 - 627	280 °C
K. Viscosity of base oil at 40 °C mm2/s(cSt)	ASTM D445	220/460 Cst
Timken ok load, is	-	60
Water wash out	-	1% Max.

