

# **CONN WELD**

## **DRIVE MECHANISM OIL SPECIFICATIONS**

**CONN-WELD RECOMMENDS THE OPERATING OIL FOR THE VIBRATING SCREEN TO MEET THE FOLLOWING SPECIFICATIONS:**

- ▶ **THE MECHANISM MUST BE LUBRICATED WITH AN EP GEAR OIL (EXTREME PRESSURE) COMPOUND WITH PARAFFINIC BASE OILS.**
- ▶ **EFFECTIVE ADDITIVES TO PROVIDE CORROSION, OXIDATION AND EXTREME PRESSURE PROTECTION.**
- ▶ **BASE OIL VISCOSITY @ 40° C – 150 CST.**
- ▶ **MINIMUM VISCOSITY INDEX 90.**
- ▶ **TIMKEN OK LOAD – 60 LBS. MINIMUM.**
- ▶ **USE ISO EP150 OR AGMA EP4 GEAR OIL WITH AMBIENT TEMPERATURE RANGE OF 40° F TO 100° F (5° C TO 38° C).**

**NOTE:**

**PLEASE CONSULT FACTORY IF TEMPERATURE IS BELOW 40° F (5° C) OR ABOVE 100° F (38° C).**

**THE MECHANISM IS SHIPPED FROM THE FACTORY WITH A CORROSION INHIBITOR IN THE OIL FOR THE PROTECTION OF INTERNAL PARTS DURING STORAGE. THIS OIL SHOULD BE REPLACED WITH PROPER OPERATING OIL BEFORE STARTING THE MACHINE.**

**REFER TO INSTRUCTION MANUAL FOR FREQUENCY OF OIL CHANGE.**

**AMBIENT TEMPERATURE IS THE TEMPERATURE OF SURROUNDING ENVIRONMENT**

**NOTE:**

**FAILURE TO USE THE ABOVE SPECIFIED OIL OR THE USE OF AN ADDITIVE NOT APPROVED BY CONN-WELD WILL VOID ANY WARRANTY**