

# OIL HT-280

## HIGH TEMPERATURE CHAIN OIL 280

### Description:

Oil HT-280 is a non-carbonising, exceptionally low volatility, totally synthetic fluid containing special anti-oxidants and corrosion resisting additives. This thermally stable fluid has been specifically designed to operate at temperatures up to 280°C associated with applications such as conveyor chains on paint stoving lines and bakery ovens.

### Application:

Apply manually by brush or with oil can. Oil HT-280 can also be applied automatically by spray or drip feed as per the equipment manufacturers' instructions.

### Typical physical properties:

|                                      |                                    |
|--------------------------------------|------------------------------------|
| Appearance                           | Pale, medium viscosity clear fluid |
| Viscosity @40°C                      | 148 cSt                            |
| Viscosity @ 100°C                    | 15.5 cSt                           |
| Flash point                          | >300°C                             |
| Evaporation loss @ 200°C for 6 hours | 1%                                 |
| Specific Gravity                     | 0.96                               |
| Operating temperature range          | 10°C to + 280°C                    |

### Packings available:

Drums of 25 litres.  
Drums of 205 litres.

### Features:

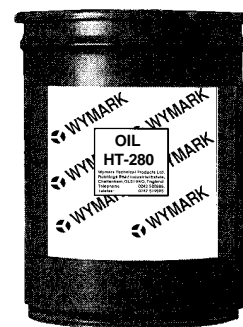
1. Long 'wet' film life at high temperature and low volatility rate reduces lubricant consumption.
2. The minimum amounts of carbon residue are soft and do not varnish (unlike other high temperature chain oils).
3. Excellent corrosion resistance.
4. The addition of extreme pressure (EP) additives extends chain life.

### Notes on conveyor chain lubrication:

Oil HT-280 has been carefully formulated to include special anti-oxidants and corrosion resisting additives, which reduce its volatility. The resultant lubricating film will give much longer life than conventional chain lubricants. This has a dual effect by extending the lubrication frequency and reducing the volume of lubricant required.

Since Oil HT-280 incorporates a high degree of oxidation stability which reduces carbon residues, penetration to the load bearing surfaces is maintained over longer periods.

The ability of sustaining a wet film life ensures sufficient lubrication which reduces chain wear, resulting in longer operational life.



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The information provided has been carefully compiled in good faith, on the basis of experience with standard production materials produced under rigorous quality control. However, the performance figures are provided for guidance only and are not intended to constitute a guaranteed specification.