



PRODUCT BULLETIN



78 EXTREME-PRESSURE INDUSTRIAL OIL

"Unique versatility for unmatched performance over the widest range of applications."

DESCRIPTION:

The remarkably versatile formulation of this product fortifies a first-quality, 800-second, paraffin-base oil with a full complement of anti-wear, extreme-pressure, anti-foam and rust-and-oxidation inhibition additives. The unusually generous quantity of foam suppressant prevents the heat and wear resulting from aeration that is often encountered with other industrial oils and gear lubricants. While most products intended for the same applications include little or no extreme-pressure additive, STEELCO #78 EXTREME PRESSURE INDUSTRIAL OIL is filled to the optimum level with our best extreme-pressure additive package. The high natural viscosity index of this paraffin-base oil results in noticeably less change in viscosity with change in temperature than is normally experienced with the commonly available naphthenic-base products. Consequently, many applications no longer require seasonal oil changes.

APPLICATIONS:

Rotary lobe blowers (including most models of Roots); mechanical aerators and chemical mixers (such as Lightnin' Mixers); gearboxes, transmissions, and differentials requiring an SAE 40, SAE 80W90, SAE 90, AGMA 4EP or AGMA 4 oil (many models of Dodge/Reliance gearboxes, for example); and several types of comminutors in wastewater treatment plants.

USER BENEFITS:

- * **VERSATILITY**
- * **NON-FOAMING**
- * **EXTREME PRESSURE PROTECTION**
- * **REDUCED WEAR**
- * **COOLER OPERATION**
- * **LONGER OIL LIFE**
- * **REDUCED MAINTENANCE**
- * **RUST PROTECTION**
- * **DISTINCTIVE COLOR**
- * **LESS DOWNTIME**

TYPICAL TEST DATA:

| | |
|-------------------------------|---------|
| SAE Gear-Oil Grade..... | 90 |
| ISO Number..... | 150 |
| SAE Industrial Oil Grade..... | 40 |
| VIS SUS@100 °F..... | 800 |
| VIS SUS @ 210 °F..... | 78 |
| VIS cSt @ 40 °C..... | 170 |
| VIS cSt @ 100 °C..... | 15.8 |
| Viscosity Index..... | 95 min. |
| API Gravity..... | 30.4 |
| Flash Point, °F..... | 480 |
| Pour Point, °F..... | 0 |
| Timken Load, Lbs. Min..... | 85 |
| Color..... | Purple |

AUTHORIZED DISTRIBUTOR: