

Shell MORLINA® Oils T

Circulating and bearing oils for no-twist rod mill systems

Shell MORLINA® Oils T are premium quality, solvent refined, paraffinic lubricating oils specially developed for the no-twist mill systems. Meets the requirements of Morgan specification.

Performance Features and Benefits

- Protects effectively against gear wear by using a zinc free additive system
- Very good water separation properties
- Good resistance to foaming
- Minimal Emulsion Formation
- High resistant against oxidation
- Effective protection against rust and corrosion
- Can be filtered using fine filters

Main Applications

• No-twist rolling mill systems

Lubrication of no-twist finishing mills requires a versatile lubricant. This is partly due to the need for the same lubricant (normally ISO 100) to protect the highly loaded bearings working at high speeds and to work satisfactorily even when contaminated with cooling water and iron oxides coming from the mill.

Advice on applications not covered in this handbook may be obtained from your Shell representative.

Specifications, Approvals, and Recommendations

Meets the requirements of

- Morgan Specification for circulating oils for no-twist rolling mill oil systems
- Danieli approved
- CL according to DIN 51517-2

Compatibility and Miscibility

Shell MORLINA® Oils T are compatible with all seal materials and paints normally specified for use with mineral oils.

Handling and Safety Information

For information on the safe handling, storage, or use of this product, refer to its Material Safety Data Sheet at <http://www.epc.shell.com/>. If you are a Shell Distributor, please call 1+800-332-6457 for all of your service needs. All other customers please call 1+800-237-8645 for all of your service needs.

Protect the Environment

Do not discharge into drains, soil, or water.

Typical Physical Characteristics

Shell MORLINA® Oils T			100	220	320	460
Kinematic Viscosity	@ 40 °C	cSt	100	220	320	460
	@ 100 °C	cSt	11.1	18.8	24.2	30
Specific Gravity	@ 15°C		0.880	0.890	0.895	0.905
Viscosity Index			96	95	96	94
Flash Point (COC)		°C	>240	>240	>250	>250
Pour Point		°C	-15	-12	-12	-12

These characteristics are typical of current production. While future production will conform to Shell specifications, variation in these characteristics may occur.