

Shell VITREA® Oils

Premium quality industrial oil

Shell VITREA® Oils are premium quality, solvent refined, high viscosity index mineral oils for a wide range of industrial applications.

Performance Features and Benefits

- Good water shedding properties
- Long life in circulatory systems

Main Applications

- Plain and rolling element bearings
- Enclosed spur, helical, bevel and worm gearboxes where a non-additive mineral oil is approved by the gear manufacturer
- Machine tool circulatory systems
- Shell VITREA® Oils may be used in industrial applications where loadings and temperatures are moderate

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

Specifications, Approvals, and Recommendations

C according to DIN 51517-1

VB/VC according to DIN 51506

Compatibility and Miscibility

Shell VITREA® Oils 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 VITREA® Oils			13	22	32	46	68
ISO Viscosity Grade			13	22	32	46	68
Kinematic Viscosity	@ 40 °C	cSt	12.1	22	32	46	68
	@ 100 °C	cSt	5.1	4.2	5.4	6.8	8.8
Viscosity Index			95	80	100	100	9.5
Specific Gravity	@ 15 °F		0.849	0.866	0.868	0.873	0.881
Flash Point (COC)		°C	188	204	222	228	223
Pour Point		°C	-15	-18	-12	-12	-12

Shell VITREA® Oils			100	150	220	320	460
ISO Viscosity Grade			100	150	220	320	460
Kinematic Viscosity	@ 40 °C	cSt	100	150	220	320	460
	@ 100 °C	cSt	11.2	14.8	19.2	24.6	31.0
Viscosity Index			95	95	95	95	95
Specific Gravity	@ 15 °C		0.877	0.882	0.887	0.891	0.896
Flash Point (COC)		°C	225	243	249	255	260
Pour Point		°C	-12	-9	-9	-9	-9

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