



SHELL VITREA[®] OILS

Machine and bearing oils

Product Description

Shell Vitrea[®] Oils are highly refined, high viscosity index, mineral oils that give excellent lubricating performance where rust, oxidation and/or high bearing and gear loading are not problems. **Shell Vitrea[®] Oils** have high viscosity indexes, typically from 90 to 100. They are available in nine ISO viscosity Grades from 13 to 460.

Applications

- light duty hydraulic systems
- plain and anti-friction bearings
- spur, helical and bevel gears operating under moderate loads
- machine oil equipment

Features/Benefits

- good water separation
- very good oxidation resistance

Typical Properties of Shell Vitrea® Oils

	Test Method	ISO Viscosity Grades								
		13	22	32	46	68	100	150	320	460
Product Code		65565	64004	64007	64008	64010	64014	64018	64023	64025
Gravity, °API	D 1298	35.2	32.0	30.5	30.0	29.0	30.0	29.0	27.5	27.0
Viscosity:	D 445									
@ 40°C, cSt		12.1	21.5	31.8	45.9	68.1	99.7	148	316	455
@ 100°C, cSt		3.1	4.2	5.2	6.6	9.2	12.4	14.5	24.1	29.8
Viscosity Index	D 2270	95	90	95	95	95	95	95	97	93
Flash Point, COC, °F	D 92	370	380	400	420	430	450	455	500	530
Pour Point, °F	D 97	5	5	10	10	10	10	10	10	10
Carbon Residue										
Ramsbottom, wt%	D 524	0.05	0.07	0.08	0.10	0.10	0.18	0.23	0.30	0.40

Handling & Safety Information

For information on the safe handling and use of this product, refer to its Material Safety Data Sheet

<http://www.shell-lubricants.com/msds/>. If you are a Shell Distributor, please call **1+800-468-6457** for all of your service needs. All other customers, please call **1+800-840-5737** for all of your service needs. Information is also available on the World Wide Web: <http://www.shell-lubricants.com/>