

AGIP EXIDIA



AGIP EXIDIA oils have been developed especially for lubrication of machine-tool slide-ways. They are formulated from paraffinic base stocks treated with special oiliness and antirust additives. The three grades meet the requirements of the following classifications: ISO-L-HG 32, ISO-L-HG 68, and ISO-L-G 220.

CHARACTERISTICS (TYPICAL FIGURES)

AGIP EXIDIA

ISO VG		32	68	220
Viscosity at 40°C	mm ² /s	30,5	66	229
Viscosity at 100°C	mm ² /s	5,3	8,7	19,8
Viscosity Index	-	95	95	95
Pour Point	°C	-14	-12	-12
Flash Point COC	°C	193	203	223
Mass Density at 20°C	kg/l	0,872	0,880	0,902

PROPERTIES AND PERFORMANCE

- AGIP EXIDIA oils completely resolve the problem of lubricating the slide ways of machine tools, eliminating sticking and vibration, which can adversely affect the finish of the work-piece and shorten tool life.
- Their special additives modify the coefficients of static and dynamic friction, so as to eliminate stick-slip motion, thus ensuring smooth machining and dimensional precision.
- Their formulation was developed to ensure good antirust protection and good demulsibility in machines, such as grinders, where a water-based cutting fluid is used.
- The high Viscosity Index of the series ensures consistent performance over a wide range of operating temperatures.
- The more fluid grades may also be used as hydraulic fluid in those tools where slide way lubrication and hydraulic control are provided by the same system.

APPLICATIONS

AGIP EXIDIA oils have been developed specifically for lubrication of machine-tool slide ways by circulation or loss systems, even under high load conditions.

AGIP EXIDIA 32 and AGIP EXIDIA 68 may also be used as hydraulic fluid in machines, such as grinders, where single oil is employed both for slide ways lubrication and for the hydraulic controls.

AGIP EXIDIA 220 can also be used for gear lubrication when oil with anti-stick-slip characteristics is needed, as in the case for worm gears.

SPECIFICATIONS

AGIP EXIDIA oils meet the requirements of the following classifications:

- ISO-L-HG 32 and 68
- ISO-L-G 220
- ISO-L-CKE 220
- STANIMUC G 32, 68 and 220
- DIN 51502 CGLP

AGIP EXIDIA



PACKAGING AVAILABLE

- 210 liter (drum)
- 20 liter (pail)