



Machine tools

Multifunctional oils for machine tools

PRODUCT PROFILE



Drosera is multifunctional oil meant for to meet Slideway, hydraulic and gear lubrication. Presence of friction modifier coupled with its anti-stick-slip property helps to achieve precision in machining.

- ISO 6743/4 : HG32 : HG48
- ISO 6743/13 GA68: GA220
- DIN 51502 : CGLP68: CGLP220
- DIN 51517 Part 3 CLP 68: CLP220
- Cincinnati Milacron : P65-P62-P47-P50-P53-P45

APPLICATIONS

- Machine tool slide ways for all speed and loads.
- Hydraulic circuits in all types of hydraulic pumps and motors.
- Gear boxes and speed change mechanisms with or without submerged electromagnetic clutches
- Best suitable for centralized lubrication systems
- Recommended for the lubrication of machine tool slide ways coated with synthetic resins.
- Compatible with Total range of metal working fluids

ADVANTAGES

- Multiutility (Hydraulic, slideway & gear) nature helps in product rationalization and reduction in maintenance cost
- Compatibility with cutting oil enable to enhance the cutting oil service life
- Excellent anti-stick-slip property helps in avoiding chattering marks on the component
- Exhibit good filterability character
- Extreme pressure property helps to run the machine at high speed and load
- Friction reduction character helps to achieve dimensional accuracy
- Compatibility with seals helps in extending the machine life

TOTAL LUBRICANTS INDIA LTD.

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Date 01/09

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Typical Characteristics	Reference Method	DROSERA	
		68	220
Density at 29.5°C, kg/l	ASTM D 1298	0.885	0.900
Viscosity at 40°C, cSt	ASTM D 445	68.00	220
Viscosity Index	ASTM D 2270	103	99
Pour point, °C	ASTM D 97	-15	-12
Flash point COC, °C	ASTM D 92	240	260

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