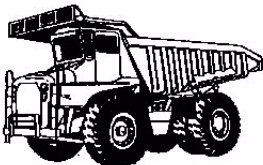
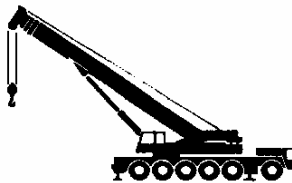
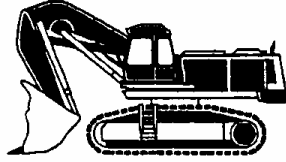


MOLYDUVAL

Tantalus SE 100



Synthetic Biodegradable Lubricant

MOLYDUVAL Tantalus SE 100 was developed with the environmental hazards of oil disposal in mind. It is made from a combination of special refined native and synthetic ester fluids rated as being greater than 90% biodegradable, as measured by the Coordinating European Council Test Method CEC L-33-T-82 test after 21 days on test.

As premium quality antiwear and hydraulic oil, MOLYDUVAL Tantalus SE 100 is intended to replace mineral oils previously used in forestry and mining applications. It satisfies the requirements of many applications designed for premium anti-wear lubrication oils.

Characteristics

- superior lubricity, low friction coefficient
- silicon free
- high viscosity index
- high flash point means increased safety
- highly detergent
- low volatility

Applications

- as hydraulic medium for construction machines, excavator etc., if these are used in sensitive areas
- for mobile equipment in sensitive environments, s.a. water reservoirs, lakes, rivers where oil could mix with the soil or enter the drainage system
- to the lubrication at air-locks and weirs
- proven in mining applications, mobile forestry equipment and loaders where both axial piston and vane pumps are employed.

How To Use

Minimize water contamination and operate with recommended operating temperature range. Fluid quality should be monitored at appropriate intervals (at about 250-350h). Oil Changes should not exceed 500h.

TECHNICAL DATAS	Specification	Unit	
Name	DIN 51502		ELP100
Base Oil			Synthetic Esters
Density, 15°C	DIN 51757	kg/m ³	920
Viscosity Class	DIN 51519	ISO-VG	100
Viscosity, 40°C	DIN 51562	mm ² /s	100
Viscosity, 100°C	DIN 51562	mm ² /s	18
Viscosity Index	ISO 2909	ISO-VG	235
Flashpoint	ISO 2592	°C	298
Pourpoint	ISO 3016		-27
Biodegradability	CEC-L-33-T82	%	> 97
VKA Value		N	2200

For more information call +49 2102 9757-28 or contact us at <http://www.molyduval.com> αβχδε

The technical information in this technical data sheet represents our present knowledge.

Because of complexity of tribological systems it does not form part of any sales contract as guaranteed properties of the delivered material.