

Duracut JS 40

Duracut JS is a neat grinding/cutting fluid formulated using the highest quality synthetic hydrocarbon base stocks. These offer significant advantages in metal working applications when compared to high quality mineral oils of the same viscosity. They are inherently resistant to oxidation and more thermally stable, thus helping to extend sump life and improve cleanliness.

FEATURES & BENEFITS

- ✓ Chlorine free
- ✓ Complies with aerospace industry requirements
- ✓ Long term stability and cleanliness
- ✓ Almost odourless
- ✓ Low misting/fuming
- ✓ Hazard label free
- ✓ Manufactured from biodegradable base stock
- ✓ Up to 30% more efficient in use compared to products produced on traditional base oils



DESIGNED TO GIVE OUTSTANDING PERFORMANCE

Duract JS incorporates a carefully selected additive system including special synthetic esters and state of the art, chlorine free anti-wear chemistry. Heat generation at the contact zone is thereby minimised while improving component surface finish and tool life. Due to its inherent stability the product aids grinding wheel cleanliness throughout its sump life.

MULTI PURPOSE AS STANDARD

Duracut JS also incorporates components to further enhance performance including the latest long life polymeric anti-misting technology and specially selected antioxidants. Designed particularly for use in grinding of titanium aerospace components, SPS-JS provides excellent performance in a range of severe metal removal operations and is suitable for use with most materials including high alloy steels. It is also compatible with yellow metals.

TYPICAL PHYSICAL PROPERTIES

Appearance	Very Pale Yellow Liquid
Odour	None
Solubility in water	Insoluble
Flash Point	>200 degrees
Viscosity @ 40 degrees	40cst
Specific Gravity	0.84 Typical
Chlorine	No
Anti-friction	Yes