



Product Information

GOLDEN FILM COMPOUNDED STEAM CYLINDER OILS 460 AND 680

Description

Compound Steam Cylinder Oils 460 and 680 are for use in most Locomotives and Stationary engines working with either saturated or superheated steam. They are produced from special cylinder stock treated with fatty compounds to provide superior lubrication even if wet conditions are encountered. The fatty compounds form emulsions which spread the oil on the internal surfaces, providing a strong lubricating film where needed to protect bores and valves. This is particularly important where very wet steam has to be handled at the cylinders, or water treatment chemicals are carried with the steam.

Applications

These compounded oils are ideally suited for all steam engines working up to pressures in excess of 250lbs per square inch. Please refer to the selection chart for other recommendations. In addition to cylinders, these oils are recommended for valve chests, slides, linkages and general lubrication, by means of mechanical applicators, atomisers or oil can.

Important Note: These oils must not be used where the steam is being recovered for use as a boiler or process feed and the complete separation from oil is essential.

Physical Characteristics

GRADE	460	680
Density at 15 °C	0.910	0.923
Kinematic Viscosity at 100 °C, cSt	30.0	37.5
Kinematic Viscosity at 40 °C, cSt	470	720
Viscosity Index	85	85
Flash Point (Closed) °C	210	230

(TDS Compounded Steam Cylinder Oils – 140512 Issue 2)



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